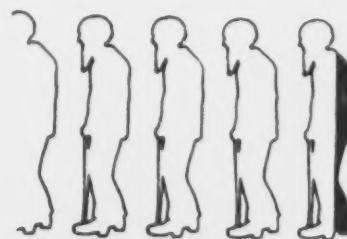


1982

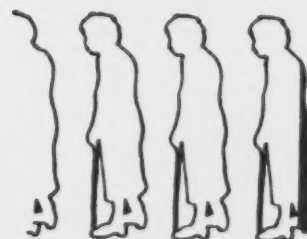
utah vital statistics



births



deaths



state of utah
department of health
office of management planning
bureau of health statistics



UTAH'S VITAL STATISTICS

ANNUAL REPORT

1982

Scott M. Matheson
Governor

Michael J Stapley, M.P.A.
Acting Executive Director

John E. Brockert, M.S., M.P.H.
Director, Bureau of Health Statistics

Utah Department of Health
Office of Management Planning
Bureau of Health Statistics
150 West North Temple
Salt Lake City, Utah 84103

October 1984

This report was partially supported by contract number HRA 233-82-2006 awarded by the U.S. Department of Health, Education, and Welfare in support of the Cooperative Health Statistics System of the National Center for Health Statistics.

PREFACE

This report contains data about vital events experienced by Utah residents in 1982. The source of these data is approximately 50,000 birth and death certificates registered for 1982 in the Bureau of Health Statistics of the Utah Department of Health.

The purpose of this report is to provide needed data for planners, students, researchers, public officials, private business and the general public. Data are presented for the State of Utah, the multi-county districts, and each of their counties. Marriage and divorce statistics are provided as totals in this report. Another report of the Bureau treats them more extensively.

The initial part of this report contains a narrative section with tables and charts to provide some analyses and explanation of these data. This is followed by a section of reference tables with more detailed information. A listing of other available tables appears at the end of the table of contents. These tabulations will be provided upon request to the Bureau. The last section of the report is the Technical Appendix with information on the sources, quality, and limitations of data.

This publication was prepared under the direction of John E. Brockert, Director and Marvin Levy, Deputy Director. The narrative and statistical tabulations were prepared by Gery E. Moore, Statistician. Norma Jacobsen prepared the manuscript and tables for printing, and Ella Rene Ellett prepared the graphics and did final editing.

CONTENTS

	Page
An Overview of Utah's Vital Statistics, 1982	1
Birth Summary	12
Death Summary	19
Violent Death Summary	27
Reference Tables	31
Technical Appendix	84

TABLES

Text Tables

Table		Page
1	Statistical Summary, Estimated Midyear Population, Live Births, Deaths, Maternal Deaths, Infant Deaths, Fetal Deaths, Marriages, Divorces and Annulments: Utah 1935-1982	3
2	Live Births, Deaths, Natural Increase, Fetal Deaths, Infant Deaths, Marriage, Divorce and Annulment Rates Utah and United States, 1950-1982	4
3	Census Of Population And Intercensal Estimates By District And County: Utah, April 1, 1980, July 1, 1980-1982 . . .	6
4	Statistical Summary, Estimated Midyear Population, Live Births, Deaths, Induced Abortions, Infant Deaths, and Fetal Deaths By District and County of Residence	9
5	Population, Births, Deaths, and Rates By Rural-Urban County of Residence: Utah, 1982	10
6	Population, Births, Deaths, and Rates By Rural-Urban County of Residence: Utah, 1982	11
7	Live Births, Population And Fertility Rates, Resident Female 15-44 Years Of Age For Selected Years Utah And United States, 1950-1982	14
8	Live Births That Occurred In-State And To Residents Utah, 1982	15
9	Sex Ratio, Number Of Males Per 100 Female Live Births Utah And The United States, 1960-1982	16
10	Low Birth Weight Percentage, Less Than 2,500 Grams: Utah And The United States, 1970-1982	17
11	Out-Of-Wedlock Births By Age Of Woman, Residents: Utah 1970-1982	18
12	Out-Of-Wedlock Births Per 1,000 Live Births By Age Of Woman, Residents: Utah, 1970-1982	18
13	Leading Causes Of Death: Utah And United States, 1982 . .	21
14	Mortality For Selected Causes Of Death, Residents: Utah 1970-1982	22

Tables		Page
15	Mortality Rates For Selected Causes Of Death, Residents Utah, 1970-1982	23
16	Expected Years Of Life Lost And Working Years Of Life Lost By Cause Of Death, Residents: Utah, 1982	24
17	Infant Mortality Rates By Age At Death, Residents: Utah 1960-1982	25
18	Mortality By Selected Cause, Spanish And Non-Spanish Origin, Residents: Utah, 1982	26
19	Mortality By Age, Spanish And Non-Spanish Origin Residents: Utah, 1982	26
20	Violent Deaths And Rates By Type Residents: Utah, 1981-1982	28
21	Violent Deaths And Rates By Type, Residents: Utah And United States, 1982	28
22	Suicide Deaths By Year, Age And Sex, Residents: Utah 1960-1982	29,30

Reference Tables

Table		Page
A-1	Live Births By County Of Occurrence, Sex, Attendant And Hospital Delivery: Utah, 1982	31
A-2	Live Births By Sex, Number Born, Birth Order And Residence Of Mother: Utah, 1982	32
A-3	Live Births By Month of Occurrence And Residence Of Mother: Utah, 1982	33
A-4	Live Births By Age And Residence Of Mother: Utah, 1982 . .	34
A-5	Live Births By Residence of Mother And Race Of Infant Utah, 1982	35
A-6	Live Births By Residence Of Mother And Birth Weight Of Infant: Utah, 1982	36
A-7	Live Births By Residence Of Mother And Month Prenatal Care Began: Utah, 1982	37

Table		Page
A-8	Live Births By Residence Of Mother And Number Of Prenatal Visits: Utah, 1982	38
A-9	Live Births By Age Of Mother, Race And Birth Order Of Infant, Residents: Utah, 1982	39
A-10	Live Births By Age Of Mother, Race Of Infant And Month Prenatal Care Began, Residents: Utah, 1982	40
A-11	Live Births By Age Of Mother, Race Of Infant And Prenatal Visits, Residents: Utah, 1982	41
A-12	Live Births By Birth Weight, Sex And Race Of Infant Residents: Utah, 1982	42
A-13	Live Births By Birth Weight And Weeks Gestation Residents: Utah, 1982	43
A-14	Live Births By Age And Education Of Mother By Number Of Previous Live Births, Residents: Utah, 1982	44
A-15	Live Births By Age And Education Of Parents, Residents Utah, 1982	45
A-16	Out-Of-Wedlock Live Births By Age And Education Of Parents, Residents: Utah, 1982	46
A-17	Out-Of-Wedlock Live Births By Age And Residence Of Mother Utah, 1982	47
A-18	Live Births By Age, Marital Status Of Mother, And Race Of Infant, Residents: Utah, 1982	48
A-19	Live Births By Age Of Mother And Birth Weight Of Infant Residents: Utah, 1982	49
A-20	Live Births By Birth Weight Of Infant With One Or More Complications Reported, Residents: Utah, 1982	50
A-21	Live Births By Month Prenatal Care Began, With One Or More Complications Reported, Residents: Utah, 1982	51
A-22	Live Births By Age Of Mother With One Or More Complications Reported, Residents: Utah, 1982	52
A-23	Live Births By County And District Of Residence With One Or More Complications Reported, Residents: Utah, 1982	53
A-24	Live Births By Five-Minute Apgar Score And Birth Weight Of Infant, Residents: Utah, 1982	54

Table		Page
A-25	Live Births By District And County Of Residence By Age Of Mother, With Mother Of Spanish Origin, Residents: Utah 1982	55
A-26	Live Births By Age of Mother, Race Of Infant And Number Of Prenatal Visits, With Mother Of Spanish Origin Residents: Utah, 1982	56
A-27	Live Births By Race Of Infant, Age Of Mother And Month Prenatal Care Began, With Mother Of Spanish Origin Residents: Utah, 1982	57
A-28	Live Births By Age And Marital Status Of Mother And Race Of Infant, With Mother Of Spanish Origin, Residents Utah, 1982	58
A-29	Live Births By Age of Mother, One Or More Complications Reported, With Mother Of Spanish Origin, Residents Utah, 1982	59
A-30	Live Births And Deaths By Community Of Occurrence And Residence: Utah, 1982	60-63
A-31	Live Births, Premature Live Births, Fetal Deaths And Selected Causes Of Infant Mortality By Institutions And County Of Occurrence: Utah, 1982	64,65
A-32	Fetal Deaths By Age And Residence Of Woman: Utah, 1982 . .	66
A-33	Fetal Deaths By Sex And Selected Cause, Residents Utah, 1982	67
A-34	Infant Mortality For Selected Causes By Age, Race And Sex Residents: Utah, 1982	68
A-35	Infant, Neonatal, And Perinatal Mortality By Residence Of Mother: Utah, 1982	69
A-36	Deaths By Month Of Occurrence And Residence: Utah, 1982 .	70
A-37	Deaths By Race, Sex And Residence: Utah, 1982	71
A-38	Deaths By Age, Race And Sex, Residents: Utah, 1982	72
A-39	Deaths By Age, Sex And Residence: Utah, 1982	73,74
A-40	Deaths By Selected Causes And County Of Residence: Utah 1982	75,76
A-41	Deaths By Selected Causes By Age: Residents: Utah, 1982 .	77

Table		Page
A-42	Deaths By Place Where Death Occurred In County Of Occurrence: Utah, 1982	78
A-43	Violent Deaths By Age, Sex And Cause, Residents: Utah 1982	79
A-44	Violent Deaths By Residence And Cause: Utah, 1982	80
A-45	Violent Deaths By Race, Sex And Cause, Residents: Utah 1982	81
A-46	Accidental Death Occurrences By Month and Type Of Accident: Utah, 1982	82
A-47	Accidental Death Occurrences By Age, Sex And Type Of Accident: Utah, 1982	83

ILLUSTRATIONS

Text Figures

Figure		Page
1	Estimated Resident Population, July 1, Each Year Utah, 1943-1982	2
2	Crude Birth Rates: Utah And United States, 1950-1982 . . .	5
3	Crude Death Rates: Utah And United States, 1950-1982 . . .	5
4	Rate of Natural Increase: Utah And United States 1950-1982	5
5	Infant Mortality Rates: Utah And United States 1950-1982	5
6	Planning District And Counties: Utah, 1981	8

Appendix Figures

Figure		Page
C-1	Location Of Local Registrars Of Vital Statistics Utah, 1982	86
C-2	Certificate Of Live Birth	87
C-3	Certificate Of Death	88
C-4	Certificate Of Fetal Death	89

Tables Not Included In This Report But
Available Upon Request

- B-2 Live Births By Age Of Mother And County And City Of Residents: Utah, 1982
- B-3 Births To Utah Residents By One-Minute Apgar Score And Birth-Weight Of Infant, Residents: Utah, 1982
- B-4 Births To Residents That Occurred Out-Of-State And Births To Out-Of State Residents That Occurred In-State Utah, 1982
- B-5 Live Births By County And District Of Residence, One Or More Complications Reported, With Mother Of Spanish Origin Utah, 1982
- B-6 Live Births By Mother's Age And Birth Weight Of Infant Utah, 1982
- B-7 Live Births By Mother's Age And Birth Weight Of Infant With Mother of Spanish Origin: Utah, 1982
- B-8 Deaths To Residents By Select Cities Of Residence And Age Of Decedent: Utah, 1982
- B-9 Deaths By Major Classification, District And County of Residence: Utah, 1982
- B-10 Deaths By Major Classification, Age And Sex: Utah, 1982
- B-11 Deaths By Major Classification, Race And Sex: Utah, 1982
- B-12 Deaths By Class By Major Classification And Place Where Death Occurred: Utah, 1982
- B-13 Chronic And Old Age Deaths By District And County of Residence: Utah, 1970-1982
- B-14 Violent Deaths By District And County Of Residence Utah, 1970-1982
- B-15 Preventable Deaths By District And County Of Residence Utah, 1970-1982
- B-16 Deaths By Selected Causes And County Of Residence, With Decedent Of Spanish Origin: Utah, 1982
- B-17 Deaths By Age, Sex, And Residence, With Decedent Of Spanish Origin: Utah, 1982

Table

- B-18 Infant Deaths By Residence Of Mother, With Mother Of Spanish Origin: Utah, 1982
- B-19 Deaths From Diseases Of The Circulatory System By Age And Sex, Residents: Utah, 1982
- B-20 Suicides By Age, Sex And Method, Residents: Utah, 1982
- B-21 Violent Deaths Due To Firearms And Explosives By Type, Sex And Age, Residents: Utah, 1982
- B-22 Violent Deaths Due To Poisoning By Age, Sex And Cause, Residents: Utah, 1982
- B-23 Accidental Deaths By Month And Type Of Accident: Utah, 1982
- B-24 Accidental Deaths Occurring In State By Location Of Accident And Cause Of Death: Utah, 1982
- B-25 Motor Vehicle Deaths Occurring In State By Type And Location Of Accident: Utah, 1982
- B-26 Motor Vehicle Deaths Occurring In State By Type Of Accident And Location Of Death: Utah, 1982
- B-27 Motor Vehicle Deaths Occurring In State By Type Of Accident Age By Sex: Utah, 1982
- B-28 Motor Vehicle Deaths Occurring In State By Type Of Accident And Person Deceased: Utah, 1982
- B-29 Public Non-Motor Vehicle Deaths (Excluding Occurrences at Residences) By Type And Location Of Accident, When Decedent Died In State: Utah, 1982
- B-30 Public Non-Motor Vehicle Deaths (Excluding Occurrences at Residences) And Type Of Accident, By Age and Sex, When Decedent Died In State: Utah, 1982
- B-31 Residence Deaths By Type Of Accident, When Decedent Died In State: Utah, 1982
- B-32 Residence Deaths By Age, Sex And Cause Of Accident, When Decedent Died In State: Utah, 1982
- B-33 Occupational Deaths By Type And Location Of Accident, When Decedent Died In State: Utah, 1982
- B-34 Occupational Deaths By Type Of Accident And Age, When Decedent Died In State: Utah, 1982

DEFINITIONS

This report uses many technical terms, which are defined to aid the reader in the correct interpretation of data.

GENERAL:

NATURAL INCREASE	The excess of births over deaths among residents of an area.
OCCURRENCE, PLACE OF	Data allocated by place where the event occurred (city, county, state), irrespective of the person's place of residence.
RACE	Race for mother, father, or decedent is as reported by the respondent on the certificate. Race of child is determined from the race of the parents.
RESIDENCE, PLACE OF	Data allocated by place of residence (city, county, state), irrespective of where the event occurred, e.g. resident live births (or fetal deaths) by place of residence of the infant's mother; resident deaths by place of residence of the decedent.
SPANISH ORIGIN	Spanish origin is self-defined by respondents in terms of parental ancestry. Persons of Spanish origin may be of any race.

BIRTH (NATALITY):

APGAR SCORE:	Criterion for assessing a newborn's well being in the minutes immediately after birth. Evaluates: appearance, pulse, grimace (reflex response to stimulation), activity (muscle tone), and respiration.
BIRTH WEIGHT	The weight of a fetus or infant at time of delivery (usually recorded in grams or pounds and ounces).
GESTATIONAL PERIOD	The number of weeks elapsed between the first day of the last menstrual period and date of delivery.
LIVE BIRTH	The complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which, after separation, shows evidence of life.
LIVE BIRTH ORDER	Order number is equal to number of previous live births plus current birth.
LOW BIRTH WEIGHT	A live birth weighing less than 5 pounds 8 ounces (2,500 grams), regardless of the length of gestation (formerly referred to as premature birth).

OUT-OF-WEDLOCK
BIRTHS

Births which occur when the mother has not married at any time during the pregnancy.

EXPECTED YEARS
OF LIFE LOST

A life table is constructed which provides normal life expectancy according to a person's age. As males and females have different life expectancies, expected years of life are computed separately for each sex, as well as by cause of death. The difference between the normal life expectancy and the actual age at death is the number of expected years of life lost.

FETAL DEATH

Death prior to the complete expulsion or extraction from its mother of a product of human conception irrespective of the duration of pregnancy, as indicated by the fact that after such expulsion or extraction the fetus does not show evidence of life. Consistent with Utah law, this report includes only fetal deaths which result from pregnancies of 20 or more weeks gestation.

INFANT DEATH

Death of a live born infant less than one year (365 days) of age. Infant deaths equal the sum of neonatal plus postneonatal deaths.

MATERNAL DEATH

Death of the mother attributable to complications of pregnancy, childbirth, or the puerperium.

NEONATAL DEATH

Death occurring to an infant less than 28 days of age.

PERINATAL DEATH

The sum of fetal deaths, defined above, plus neonatal deaths, also defined above.

POSTNEONATAL DEATH

Death of a live born infant between 28 days and less than one year (365 days) of age.

WORKING YEARS OF
LIFE LOST

Working years of life are defined as the ages 15-64 years. Persons who die before 65 years of age are considered to have lost the number of working years between their age at death and 65. Persons who die at less than 15 years are defined as having lost 50 working years of life. Working years of life lost are computed separately for males and females and by cause of death.

RATES AND RATIOS:

(CRUDE) BIRTH RATE

The number of resident live births divided by the total residence population x 1,000.

GENERAL FERTILITY
RATE

The number of resident live births divided by the total female population, 15-44 years of age x 1,000.

AGE-SPECIFIC
FERTILITY RATE

The number of resident live births to females in a specific age group divided by the total number of resident females in that specific age group x 1,000.

AN OVERVIEW OF UTAH'S VITAL STATISTICS, 1982

The census of Utah's population on April 1, 1980, was 1,461,037 persons. The estimated population on July 1, 1982 was 1,560,000 persons. This July 1, estimate is an increase of 2.6 -percent over the estimated population of 1,520,000 for July 1, 1981. During the same period of time, the United States population increased by 1.0 percent.

There were 41,537 live births recorded to Utah residents for a crude birth rate of 26.6 live births per 1,000 population. The birth rate nationally was 16.0^a. The fertility rate, a more precise measure of fecundity than the crude birth rate, was 115.4 live births per 1,000 females 15-44 years of age in Utah. Nationally, the fertility rate was 67.8.

There were 8,502 Utah resident deaths resulting in a mortality rate of 5.4 deaths per 1,000 population, the same rate as 1981. The corresponding rates for the United States were 8.6 in 1982 and 8.7 in 1981. The decrease in rates nationally was more than one percent.

Four hundred fifty seven Utah infants died during their first year of life in 1982, for an infant mortality rate of 11.0 infant deaths per 1,000 live births. The corresponding rate nationally, 11.2, was the lowest infant mortality rate ever recorded at the national level. The neonatal mortality rate in Utah was 6.8 deaths per 1,000 live births. This rate was over 15 percent higher than the rate of 5.9 in 1981. The neonatal mortality rate nationally was 7.6, a decrease of more than two percent from the rate of 7.8 in 1981. The postneonatal mortality rate in Utah, deaths from 28 days through the first year, was 4.2 per 1,000 live births, an increase of more than seven percent from the rate of 3.9 in 1981. Nationally, this rate decreased from 3.9 in 1981 to 3.6 in 1982.

There were 272 stillbirths to Utah residents, representing a fetal mortality ratio of 6.5 fetal deaths per 1,000 live births, a decrease of over 15 percent in the ratio from 1981. The fetal mortality ratio nationally was 9.0 per thousand live births in 1981, the latest year for which data are available.

^aAll rate comparisons with the United States are for 1982 and provisional unless otherwise indicated.

There were 18,705 marriages performed and 8,413 divorces and annulments granted in Utah during 1982. This gave Utah marriage and divorce rates of 12.0 and 5.4 per 1,000 population, respectively. More detailed data will be found in the annual report, Utah Marriage and Divorce, 1980-1982, published by this bureau. Historical trends in Utah's population and vital events are summarized in Tables 1 and 2 and Figures 1-5.

FIGURE 1
ESTIMATED RESIDENT POPULATION
JULY 1, EACH YEAR: UTAH, 1943-1982

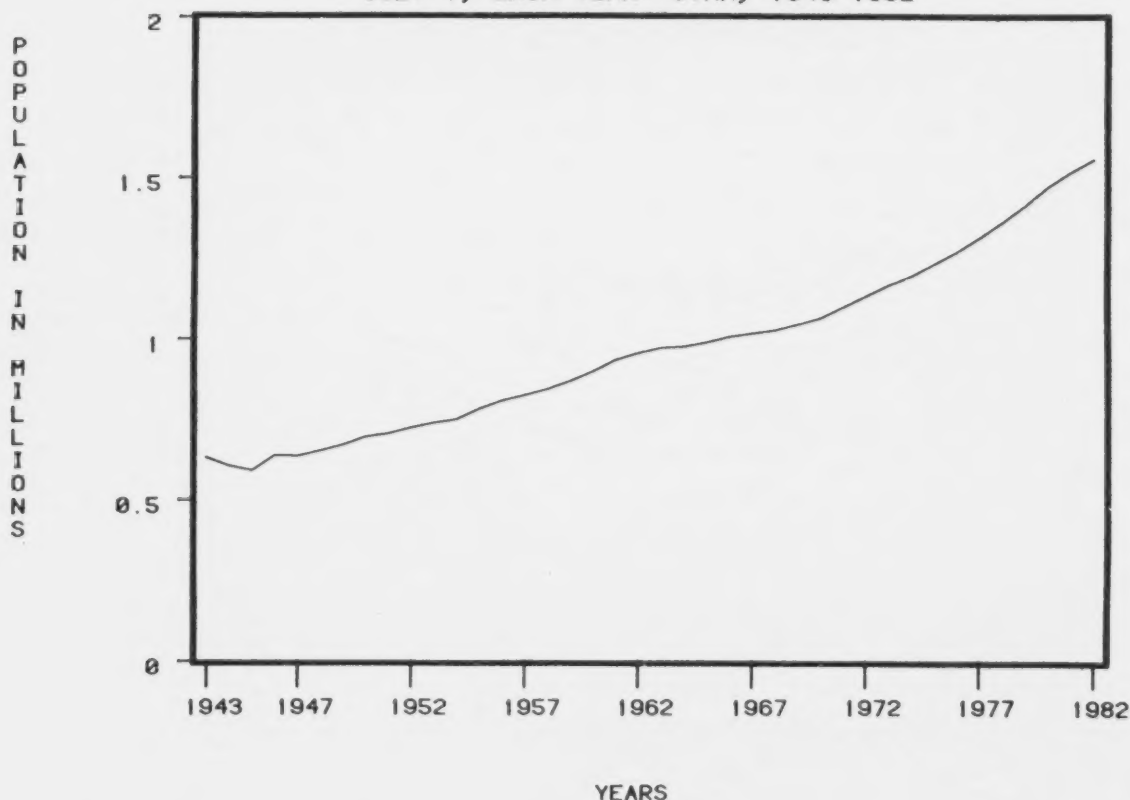


Table 3 shows the intercensal population estimates of Utah and its counties for the period July 1, 1980 through July 1, 1982, as well as the census on April, 1, 1980. The estimates for 1982 have been adopted by the Utah Census Data Center as the official population estimates for Utah State government and are used for all analyses in this report.

TABLE 1

STATISTICAL SUMMARY, ESTIMATED MIDEAR POPULATION, LIVE BIRTHS, DEATHS
MATERNAL DEATHS, INFANT DEATHS, FETAL DEATHS, MARRIAGES,
DIVORCES AND ANNULMENTS: UTAH, 1935-1982

YEAR	ESTIMATED ¹ MIDEAR POPULATION	LIVE ² BIRTHS	DEATHS	MATERNAL DEATHS	INFANT DEATHS	FETAL DEATHS	MARRIAGES	DIVORCES AND ANNULMENTS
1982	1,560,000	41,537	8,502	5	457	272	18,705	8,413
1981	1,520,000	41,286	8,263	1	403	316	18,346	8,259
1980	1,474,000	41,786	8,103	3	435	302	17,079	7,957
1979	1,416,000	41,078	7,871	6	438	317	16,713	7,594
1978	1,364,000	38,811	7,871	2	443	283	16,489	7,175
1977	1,316,000	37,956	7,612	4	381	318	15,098	6,947
1976	1,272,000	35,310	7,472	7	414	275	14,693	6,170
1975	1,234,000	31,667	7,519	6	415	257	14,858	6,131
1974	1,197,000	29,946	7,380	2	364	286	15,164	5,670
1973	1,169,000	27,978	7,573	5	354	219	14,840	5,137
1972	1,135,000	26,911	7,323	12	360	263	13,911	4,876
1971	1,101,000	27,552	7,245	2	382	258	12,497	4,419
1970	1,066,000	26,969	7,063	6	405	298	11,938	3,912
1969	1,047,000	24,232	6,791	4	382	238	11,633	3,841
1968	1,029,000	23,193	6,882	3	410	240	11,558	3,390
1967	1,019,000	22,948	6,516	3	383	241	10,220	3,288
1966	1,009,000	22,601	6,850	5	414	222	9,623	3,090
1965	991,000	22,261	6,672	5	419	224	8,736	2,872
1964	978,000	23,844	6,404	3	482	237	8,525	2,895
1963	974,000	24,952	6,544	4	464	288	8,194	2,659
1962	958,000	26,213	6,325	9	525	290	7,651	2,480
1961	936,000	26,590	6,081	7	538	263	7,401	2,360
1960	900,000	26,272	5,997	5	517	276	7,119	2,167
1959	870,000	25,645	5,879	10	514	321	6,734	2,179
1958	845,000	25,384	5,809	10	564	325	6,600	2,002
1957	826,000	26,064	5,696	8	561	317	6,672	1,565
1956	809,000	24,971	5,224	7	571	320	6,657	2,189
1955	783,000	24,602	5,092	7	507	330	6,294	2,059
1954	750,000	24,305	4,992	6	506	325	6,295	2,140
1953	739,000	23,583	5,084	5	565	301	6,926	2,433
1952	724,000	23,732	5,188	11	590	313	6,752	2,331
1951	706,000	22,769	4,895	10	565	276	6,843	2,271
1950	696,000	21,192	4,974	7	506	256	7,110	2,107
1949	671,000	21,164	4,929	5	527	297	6,402	2,166
1948	653,000	20,714	5,070	12	550	298	7,327	2,199
1947	636,000	21,724	4,996	17	545	303	7,965	2,927
1946	638,000	18,220	4,785	25	496	293	9,781	3,434
1945	591,000	15,680	4,859	21	488	268	7,034	2,651
1944	605,000	16,043	4,727	22	548	248	6,262	2,995
1943	631,000	16,940	4,713	27	539	275	6,705	1,982
1942	575,000	15,520	4,622	27	522	281	6,081	1,433
1941	551,000	13,227	4,347	26	402	268	7,263	1,360
1940	554,000	13,347	4,845	36	539	253	8,254	1,500
1939	543,000	13,007	4,712	40	544	278	(3)	(3)
1938	535,000	13,214	4,853	40	610	280	(3)	(3)
1937	529,000	12,693	4,989	42	525	262	(3)	(3)
1936	527,000	12,551	5,126	55	661	255	(3)	(3)
1935	526,000	12,695	5,066	59	625	274	(3)	(3)

¹THE POPULATION ESTIMATES FOR 1935-1959 WERE REVISED TO AGREE WITH U. S. CENSUS ESTIMATES IN, UTAH VITAL STATISTICS ANNUAL REPORT, 1977; WHILE THE ESTIMATES FOR 1971-1979 HAVE BEEN REVISED IN THIS ISSUE TO AGREE WITH THE UTAH POPULATION WORK COMMITTEE ESTIMATES. BOTH WILL NOT AGREE WITH PRIOR REPORTS IN THIS SERIES.

²RESIDENT LIVE BIRTHS AND DEATHS HAVE BEEN REVISED TO AGREE WITH EARLIER RECORDS OF THE DEPARTMENT OF HEALTH, AS FOLLOWS: BIRTHS 1941-1944, 1948-1956; AND, DEATHS 1941-1944, 1949-1956.

³INFORMATION NOT AVAILABLE.

TABLE 2

LIVE BIRTHS, DEATHS, NATURAL INCREASE, FETAL DEATHS, INFANT DEATHS, MARRIAGE
DIVORCE AND ANNULMENT RATES: UTAH AND UNITED STATES, 1950-1982

YEAR	BIRTH		DEATH		NATURAL INCREASE		SPONTANEOUS FETAL DEATH		INFANT DEATHS		MARRIAGE		DIVORCE AND ANNULMENT	
	UTAH	U.S.	UTAH	U.S.	UTAH	U.S.	UTAH	U.S.	UTAH	U.S.	UTAH	U.S.	UTAH	U.S.
1982	26.6	16.0	5.5	8.6	21.1	7.4	6.5	N.A.	11.0	11.2	12.0	10.8	5.4	5.1
1981	27.2	15.9	5.4	8.7	21.7	7.2	7.7	N.A.	9.8	11.7	12.1	10.6	5.4	5.3
1980	28.3	15.8	5.5	8.7	22.8	7.1	7.2	N.A.	10.4	12.5	11.6	10.6	5.4	5.2
1979	29.0	15.6	5.6	8.5	23.4	7.1	7.7	9.5	10.7	13.1	11.8	10.4	5.4	5.3
1978	28.5	15.0	5.8	8.7	22.7	6.3	7.3	9.7	11.4	13.8	12.1	10.3	5.3	5.1
1977	28.8	15.1	5.8	8.6	23.0	6.5	8.4	9.9	10.0	14.1	11.4	9.9	5.3	5.0
1976	27.8	14.6	5.9	8.8	21.9	5.8	7.8	10.5	11.7	15.2	11.5	9.9	4.9	5.0
1975	25.7	14.6	6.1	8.8	19.6	5.8	8.1	10.7	13.1	16.1	12.0	10.0	5.0	4.8
1974	25.0	14.8	6.2	9.1	18.8	5.7	9.6	11.5	12.2	16.7	12.7	10.5	4.7	4.6
1973	23.9	14.8	6.5	9.3	17.4	5.5	7.8	12.2	12.7	17.7	12.7	10.8	4.4	4.3
1972	23.7	15.6	6.5	9.4	17.2	6.2	9.8	12.7	13.4	18.5	12.2	11.0	4.3	4.0
1971	25.0	17.2	6.6	9.3	18.4	7.9	9.4	13.4	13.9	19.1	11.3	10.6	4.0	3.7
1970	25.3	18.7	6.6	9.5	18.7	9.2	11.0	14.2	15.0	20.0	11.2	10.7	3.7	3.5
1969	23.1	17.8	6.5	9.5	16.6	8.3	9.8	14.1	15.8	20.9	11.1	10.6	3.7	3.2
1968	22.5	17.5	6.7	9.7	15.8	7.8	10.3	15.8	17.7	21.8	11.2	10.4	3.3	2.9
1967	22.5	17.8	6.4	9.4	16.1	8.4	10.5	15.6	16.7	22.4	10.0	9.7	3.2	2.6
1966	22.4	18.4	6.8	9.5	15.6	8.9	9.8	15.7	18.3	23.7	9.5	9.4	3.1	2.5
1965	22.5	19.4	6.7	9.4	15.8	10.0	10.1	16.2	18.8	24.7	8.8	9.3	2.9	2.5
1964	24.4	21.0	6.5	9.4	17.9	11.6	9.9	16.4	20.2	24.8	8.7	9.0	3.0	2.4
1963	25.6	21.7	6.7	9.5	18.9	12.2	11.5	15.8	18.6	25.2	8.4	8.8	2.7	2.3
1962	27.4	22.4	6.6	9.4	20.8	13.0	11.1	15.9	20.0	25.3	8.0	8.5	2.6	2.2
1961	28.4	23.3	6.5	9.3	21.9	14.0	9.9	16.1	20.2	25.3	7.9	8.5	2.5	2.3
1960	29.2	23.7	6.7	9.5	22.5	14.2	10.5	16.1	19.7	26.0	7.9	8.5	2.4	2.2
1959	29.5	24.0	6.8	9.3	22.7	14.7	12.5	16.2	20.0	26.4	7.7	8.5	2.5	2.2
1958	30.0	24.3	6.9	9.4	23.1	14.9	12.8	16.5	22.2	27.1	7.8	8.4	2.4	2.1
1957	31.6	25.0	6.9	9.5	24.7	15.5	12.2	16.3	21.5	26.3	8.1	8.9	1.9	2.2
1956	30.9	24.9	6.5	9.3	24.4	15.6	12.8	16.5	22.9	26.0	8.2	9.5	2.7	2.3
1955	31.4	24.6	6.5	9.2	24.9	15.4	13.4	17.1	20.6	26.4	8.0	9.3	2.6	2.3
1954	32.4	24.9	6.7	9.1	25.7	15.8	13.4	17.5	20.8	26.6	8.4	9.2	2.9	2.4
1953	31.9	24.7	6.9	9.4	25.0	15.3	12.8	17.8	24.0	27.8	9.4	9.8	3.3	2.5
1952	32.8	24.7	7.2	9.4	25.6	15.3	13.2	18.3	24.9	28.4	9.3	9.9	3.2	2.5
1951	32.2	24.5	6.9	9.5	25.3	15.0	12.2	18.8	24.9	28.4	9.7	10.4	3.2	2.5
1950	30.4	23.6	7.1	9.5	23.3	14.1	12.1	19.2	23.9	29.2	10.2	11.1	3.0	2.6

NOTE: RESIDENT BIRTH, DEATH, MARRIAGE AND DIVORCE RATES ARE PER 1,000 POPULATION. THE INFANT MORTALITY RATE AND SPONTANEOUS FETAL DEATH RATIO ARE PER 1,000 RESIDENT LIVE BIRTHS. N.A. = NOT AVAILABLE.

FIGURE 2
CRUDE BIRTH RATES,
UTAH AND UNITED STATES, 1950-1982

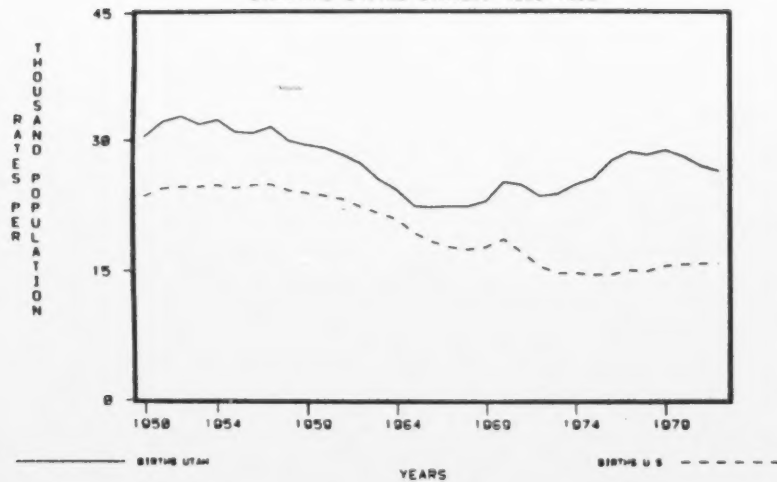


FIGURE 3
CRUDE DEATH RATES,
UTAH AND UNITED STATES, 1950-1982

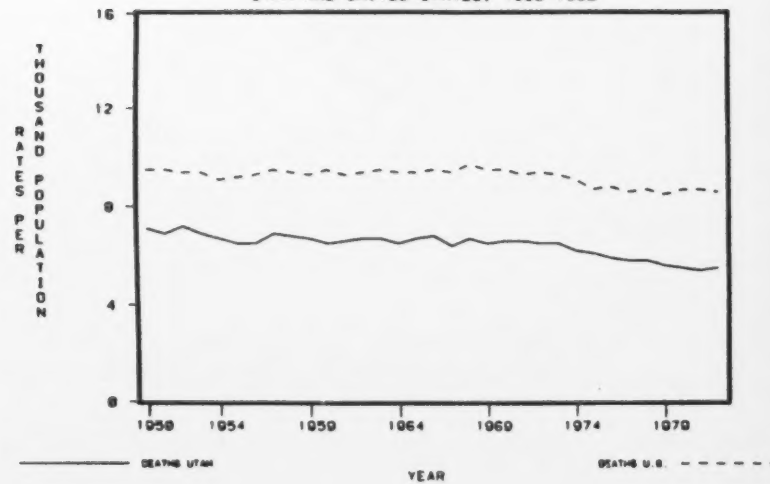


FIGURE 4
RATE OF NATURAL INCREASE,
UTAH AND THE UNITED STATES, 1950-1982

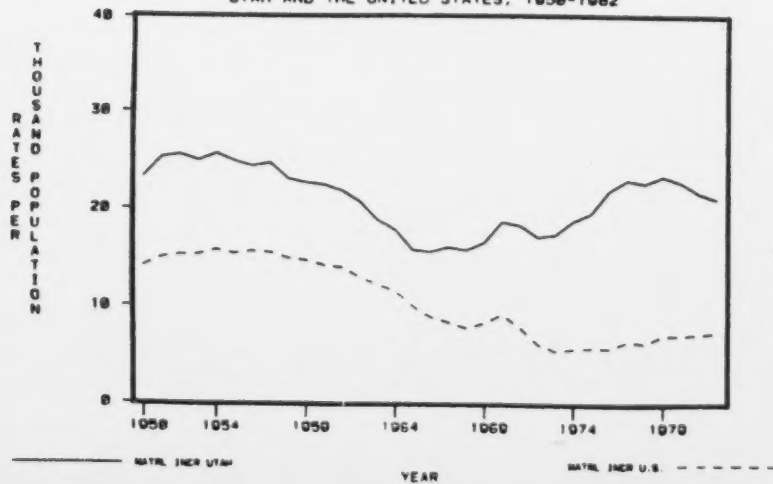


FIGURE 5
INFANT MORTALITY RATES,
UTAH AND UNITED STATES, 1950-1982

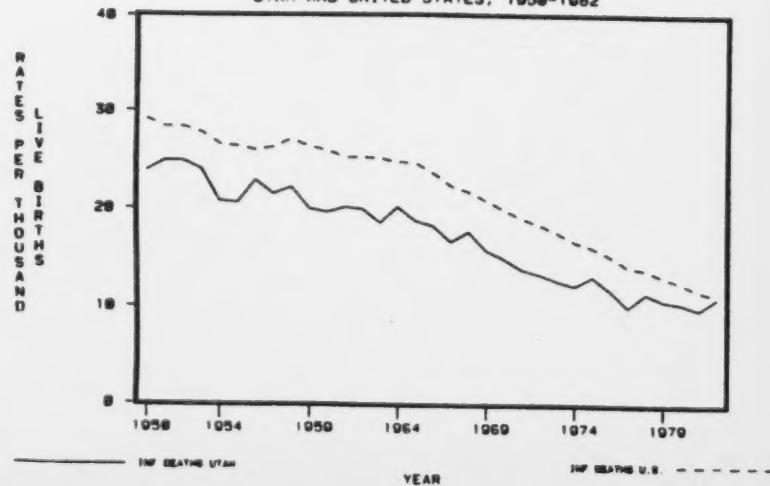


TABLE 3

CENSUS OF POPULATION AND INTERCENSAL ESTIMATES BY DISTRICT
AND COUNTY: UTAH, APRIL 1, 1980, JULY 1, 1980-1982

County	April 1, 1980	Revised Estimate 1980	Revised Estimate 1981	Preliminary Estimate 1982
Total	1,461,037	1,474,000	1,520,000	1,560,000
District 1	92,498	93,350	96,350	99,500
Box Elder	33,222	33,500	34,100	34,900
Cache	57,176	57,700	60,000	62,200
Rich	2,100	2,150	2,250	2,400
District 2N	296,073	298,250	307,100	314,000
Davis	146,540	147,900	154,000	157,800
Morgan	4,917	4,950	5,100	5,200
Weber	144,616	154,400	148,000	151,000
District 2s	645,099	650,700	667,900	681,800
Salt Lake	619,066	624,500	641,000	655,000
Tooele	26,033	26,200	26,900	26,800
District 3	236,827	239,400	248,800	255,600
Summit	10,198	10,350	11,000	11,400
Utah	218,106	220,400	229,000	8,700
Wasatch	8,523	8,650	8,800	8,700
District 4	47,087	47,500	49,150	51,650
Juab	5,530	5,550	5,600	5,800
Millard	8,970	9,050	9,600	10,400
Piute	1,329	1,350	1,400	1,400
Sanpete	14,620	14,750	15,400	16,400
Sevier	14,727	14,850	15,200	15,600
Wayne	1,911	1,950	1,950	2,050
District 5	55,489	56,000	58,150	60,700
Beaver	4,378	4,400	4,600	4,750
Garfield	3,673	3,700	3,700	3,850
Iron	17,349	17,450	18,000	18,300
Kane	4,024	4,050	3,950	4,200
Washington	26,065	26,400	27,900	29,600
District 6	33,840	34,100	36,050	38,450
Daggett	769	750	850	850
Duchesne	12,565	12,650	13,100	13,600
Uintah	20,506	20,700	22,100	24,000
District 7	54,124	54,650	56,400	58,300
Carbon	22,179	22,350	23,200	24,600
Emery	11,451	11,650	12,100	12,900
Grand	8,241	8,250	8,400	8,100
San Juan	12,253	12,400	12,700	12,700

The estimates were made by the Utah Population Estimates Committee in the Office of the State Planning Coordinator.

Utah's 29 counties are divided into 7 multi-county planning regions. The map in Figure 6 depicts these county groupings. Table 4 summarizes the number, rates and ratios of resident vital events, i.e., live births; deaths; fetal deaths; induced abortions; and infant deaths by district and county in Utah for 1982. In counties with more than 100 resident live births, Emery County had the highest crude birth rate, 36.6 live births per 1,000 population, Utah County was second (32.5); Duchesne was third 32.4; Uintah was fourth (30.8); and Cache County was fifth (29.3). Beaver and Grand counties had the lowest birth rates, 22.3 and 23.2 respectively.

More than three-quarters of Utah's population live in the counties along the Wasatch Front (Davis, Salt Lake, Utah, and Weber) within a 50-mile radius of Salt Lake City. Table 5 contains a brief summary of the vital events for residents of the four "urban counties," and the balance of the State, i.e., the rural counties.

In the urban counties, all rates were lower. The higher mortality rate in rural areas can partially be attributed to the "older" rural population.

Another approach to the rural-urban analysis is to use the Bureau of Census' classification of Standard Metropolitan Statistical Area (SMSA), urban and rural areas from the 1980 census.¹

There are two SMSAs in Utah. One, the Salt Lake-Ogden area, consists of Davis, Salt Lake, Tooele, and Weber Counties. The 1982 estimated population of this SMSA was 990,600. The second SMSA is entirely within Utah County, and its estimated population was 235,500 in 1982.

The urban population is defined as,

"... all persons living in urbanized areas and in places of 2,500 or more inhabitants outside urbanized areas. More persons specifically, the urban population consists of all persons living in (1) places of 2,500 or more inhabitants incorporated as cities, villages, boroughs...and towns..., but excluding those persons living in the rural portions of extended cities;..."²

¹Census of Population and Housing: 1980, Provisional Estimates of Social, Economic, and Housing Characteristics, Supp. Report, PHC80-S1-1, Bureau of the Census, U. S. Govt. Printing Office, Washington, D.C., March 1982, p. A-1.

²ibid.

FIGURE 6
PLANNING DISTRICTS AND COUNTIES: UTAH

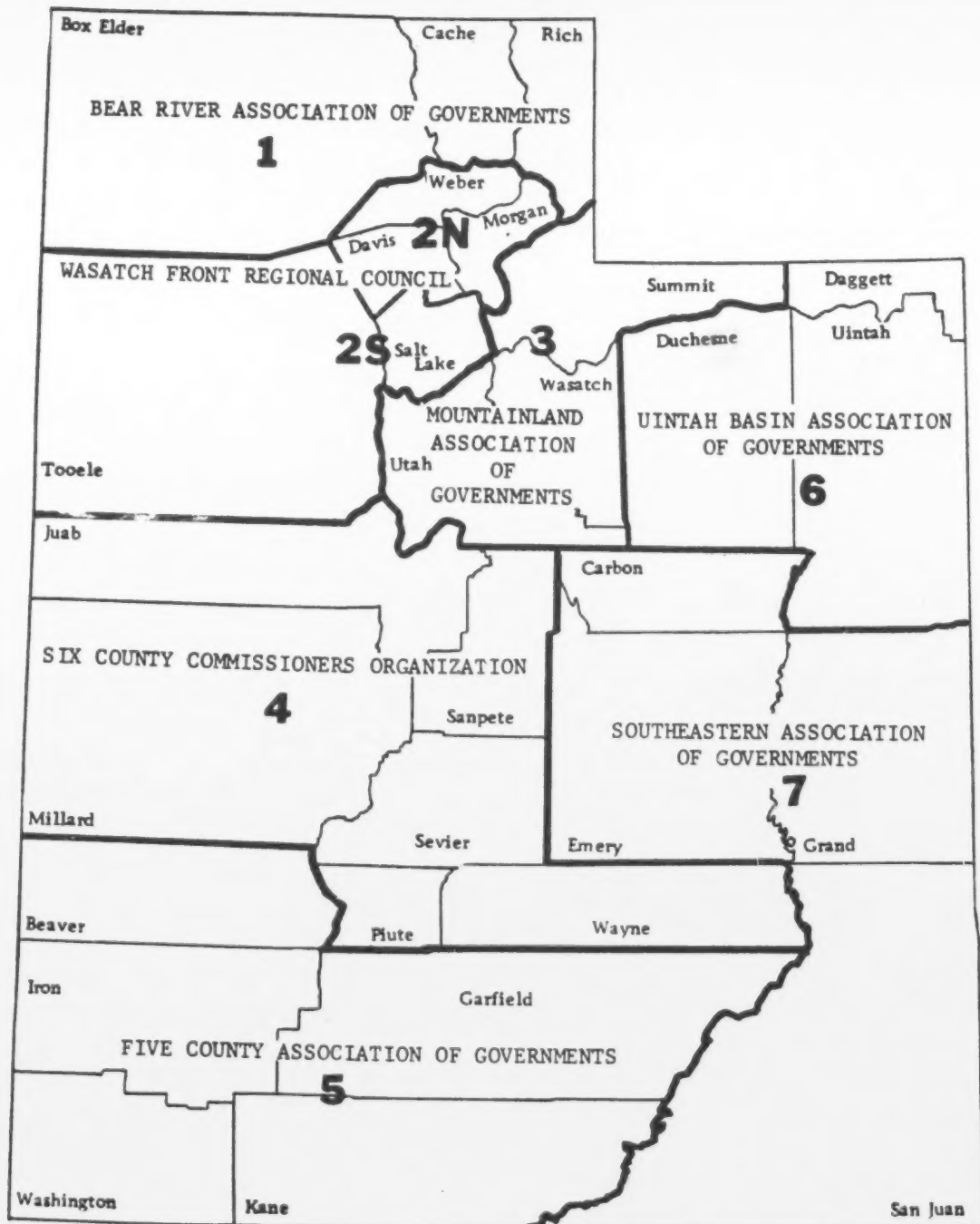


TABLE 4

STATISTICAL SUMMARY, ESTIMATED MIDYEAR POPULATION, LIVE BIRTHS, DEATHS, INDUCED ABORTIONS,
INFANT DEATHS, AND FETAL DEATHS BY DISTRICT AND COUNTY OF RESIDENCE: UTAH, 1982

DISTRICT AND COUNTY	ESTIMATED MIDYEAR POPULATION	LIVE BIRTHS NUMBER	RATE	DEATHS NUMBER	RATE	INDUCED ABORTIONS NUMBER	RATIO	INFANT DEATHS NUMBER	RATE	FETAL DEATHS NUMBER	RATIO
TOTAL	1,560,000	41,537	26.6	8,502	5.4	3,806 ^a	91.6	457	11.0	272	6.5
DISTRICT 1	99,500	2,747	27.6	571	5.7	151	55.0	43	15.7	25	9.1
BOX ELDER	34,900	857	24.6	233	6.7	33	38.5	16	18.7	8	10.5
CACHE	62,200	1,823	29.3	324	5.2	111	60.9	26	14.3	16	8.8
RICH	2,400	67	27.9	14	5.8	7	104.5	1	--	1	--
DISTRICT 2N	314,000	7,719	24.6	1,588	5.1	736	95.3	84	10.9	47	6.1
DAVIS	157,800	3,998	25.3	589	3.7	303	75.8	49	12.3	26	6.5
MORGAN	5,200	135	26.0	31	6.0	2	--	2	--	2	--
WEBER	151,000	3,586	23.7	968	6.4	431	120.2	33	9.2	19	5.3
DISTRICT 2S	681,800	17,196	25.2	3,783	5.5	2,398	139.5	179	10.4	101	5.9
SALT LAKE	655,000	16,567	25.3	3,656	5.6	2,325	140.3	174	10.5	99	6.0
TUOOLE	26,800	629	23.5	127	4.7	73	116.1	5	--	2	--
DISTRICT 3	255,600	8,181	32.0	1,159	4.5	276	33.7	91	11.1	56	6.8
SUMMIT	11,400	267	23.4	56	4.9	73	273.4	4	--	--	--
UTAH	235,500	7,660	32.5	1,031	4.4	187	24.4	81	10.6	53	6.9
WASATCH	8,700	254	29.2	72	8.3	16	63.0	6	--	3	--
DISTRICT 4	51,650	1,341	26.0	419	8.1	43	32.1	14	10.4	9	6.7
JUAB	5,800	147	25.3	45	7.8	6	--	1	--	--	--
MILLARD	10,400	288	27.7	82	7.9	7	24.3	3	--	2	--
PIUTE	1,400	23	16.4	16	11.4	1	--	--	--	--	--
SANPETE	16,400	444	27.1	133	8.1	8	18.0	4	--	6	--
SEVIER	15,600	392	25.1	133	8.5	16	40.8	5	--	1	--
WAYNE	2,050	47	22.9	10	4.9	5	--	1	--	--	--
DISTRICT 5	60,700	1,562	25.7	378	6.2	13	8.3	13	8.3	10	6.4
BEAVER	4,750	106	22.3	39	8.2	2	--	1	--	1	--
GARFIELD	3,850	111	28.8	30	7.8	3	--	1	--	1	--
IRON	18,300	467	25.5	94	5.1	5	--	7	15.0	2	--
KANE	4,200	99	23.6	40	9.5	--	--	--	--	--	--
WASHINGTON	29,600	779	26.3	175	5.9	3	--	4	--	6	--
DISTRICT 6	38,450	1,202	31.3	240	6.2	71	59.1	16	13.3	13	10.8
DAGGETT	850	22	25.9	7	8.2	2	--	1	--	--	--
DUCHESNE	13,600	440	32.4	81	6.0	16	36.4	5	--	5	--
UINTAH	24,000	740	30.8	152	6.3	53	71.6	10	13.5	8	10.8
DISTRICT 7	58,300	1,589	27.3	364	6.2	93	58.5	17	10.7	11	2.4
CARBON	24,600	611	24.8	186	7.6	55	90.0	6	--	4	--
EMERY	12,900	472	36.6	67	5.2	13	27.5	6	--	3	--
GRAND	8,100	188	23.2	52	6.4	12	63.8	2	--	3	--
SAN JUAN	12,700	318	25.0	59	4.6	13	40.9	3	--	1	--

^aINCLUDES 25 ABORTIONS WITH COUNTY RESIDENCE NOT STATED.

^bRATES NOT CALCULATED FOR LESS THAN 7 EVENTS.

TABLE 5

POPULATION, BIRTHS, DEATHS, AND RATES BY RURAL-URBAN
COUNTY OF RESIDENCE: UTAH, 1982

	ESTIMATED POPULATION 7/1/82	LIVE BIRTHS		DEATHS		INFANT DEATHS		FETAL DEATHS	
		NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
URBAN COUNTIES	1,199,300	31,811	26.5	6,244	5.2	337	10.6	197	6.2
RURAL COUNTIES	360,700	9,726	27.0	2,258	6.3	120	12.3	75	7.7

NOTE: URBAN COUNTIES ARE DAVIS, SALT LAKE, UTAH, AND WEBER. THE BIRTH AND DEATH RATES ARE PER 1,000 POPULATION. THE INFANT DEATH RATE AND FETAL DEATH RATIO ARE PER 1,000 LIVE BIRTHS.

For purposes of this analysis the following cities make up the "urban" category: Blanding, Brigham City, Cedar City, Ephraim, Heber, Helper, Hyrum, Logan, Moab, Nephi, Park City, Price, Providence, Richfield, Roosevelt, St. George, Smithfield, Tremonton, Vernal and Washington City.

The "rural" population is defined as all persons residing in the 24 counties except Davis, Salt Lake, Tooele, Utah, and Weber; and excluding the populations for the 20 cities listed in the preceding paragraph, which are defined as urban.

Table 6 shows a comparison of vital events for the two SMSAs combined, the "urban," and "rural" areas. This summary includes some rural areas within the two SMSAs; while some small urban areas, e.g., Delta and Manti, are included in the rural grouping. This tabulation is more sensitive than the one in Table 5. Of the four indicators, the "urban" had the highest birth and infant death rate and fetal death ratio. The SMSAs had the lowest birth rate despite the inclusion of Utah County which had the second highest birth rate of any county in the State. The "rural" area had the highest death rate.

TABLE 6

POPULATION, BIRTHS, DEATHS, AND RATES BY RURAL-URBAN
COUNTY OF RESIDENCE: UTAH, 1982

	ESTIMATED POPULATION 7/1/82	LIVE BIRTHS		DEATHS		INFANT DEATHS		FETAL DEATHS	
		NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
SMSAs	1,226,100	32,440	26.5	6,371	5.2	342	10.5	199	6.1
URBAN	141,960	3,878	27.3	892	6.3	53	13.7	38	9.8
RURAL	191,940	5,219	27.2	1,239	6.5	62	11.9	35	6.7

NOTE: THE ADJUSTED POPULATIONS OF THE URBAN AREAS ARE STRAIGHT-LINE ADJUSTMENTS BASED ON THE PERCENTAGE DISTRIBUTION OF THE 1980 CENSUS APPLIED TO THE ESTIMATED STATE POPULATION OF JULY 1, 1982. THE BIRTH AND DEATH RATES ARE PER 1,000 POPULATION. THE INFANT DEATH RATE AND FETAL DEATH RATIO ARE PER 1,000 LIVE BIRTHS.

BIRTH SUMMARY

In Utah, during the 13 year period, 1970 to 1982, the fertility rate has declined slightly from 117.4 to 115.4 per 1,000 females 15-44 years of age. The rate has declined steadily for the four most recent years, Table 7. The provisional fertility rate nationally was 67.8 in 1982.

Of the 42,760 births occurring in Utah in 1982, over 96 percent, 41,233, were to residents of the State, Table 8. The county of Salt Lake had the largest number of non-resident live births, 337, while Washington and Weber counties had the second and third highest number, 329 and 271 respectively. Washington County had the highest percentage of non-Utah resident births, almost 29 percent. For every ten births occurring in Washington County, three were to residents of other States, usually Nevada.

Over 99 percent of the Utah resident births in 1982 occurred within the state. San Juan County with 123 resident live births occurring out-of-state had the largest number and percentage of these events. For every 100 births to residents of San Juan County, almost 39 occurred outside of the State of Utah. Daggett County with a much smaller number of resident live births, 22, had one out of four births occur outside of Utah. Rich County had one in five of its 67 births occur beyond the borders of the State.

In 1982, 21,272 males and 20,265 females were born to Utah residents. This gave the State a sex ratio of 105.0 males per 100 females born during the year, Table 9. Traditionally more male than female infants are born each year, with the ratio varying between 102.8 to 106.3 in Utah during the past twenty years. The sex ratio nationally is more stable, due to the larger number of births, and has varied between 104.7 to 105.5 over the last twenty years.

Utah continues to have a lower percentage of low birth weight infants, less than 2,500 grams, than nationally, Table 10. In 1982, the overall percentage for low birth weight infants in Utah, 5.6 percent, was over 17 percent lower than nationally, 6.8 percent, in 1981, the most recent year for which these data are available. (In 1981, Utah's low birth weight infants, 5.4 percent, was 21 percent lower than the percentage nationally.)

Between 1970 and 1982, the percentage of low birth weight infants in Utah decreased by almost 14 percent, from 6.5 to 5.6 percent. Nationally, the decrease also has been about 14 percent between 1970 and 1981.

Whites, both in Utah and nationally, continue to have a smaller percentage of births that are low birth weight than Blacks. The percentage difference in Utah in 1982, was Whites, 5.5 percent, and Blacks, 11.4 percent. In Utah and nationally, the percentages of low birth weight infants have decreased appreciably for both Whites and Blacks. For Whites in Utah, the percentage decrease has been over 15 percent, while for Blacks the percentage decrease between 1970 and 1982 was almost 12 percent. Nationally, these decreases were 16 percent for Whites and over 17 percent for Blacks between 1970 and 1982.

Out-of-wedlock resident births by age of mother for the period 1970-1982 are summarized in Table 11. While the total number of resident live births increased by less than one percent between 1981 and 1982, out-of-wedlock births increased in Utah by over 7 percent. In 1982 and 1981, out-of-wedlocks comprised 7.0 and 6.5 percent, respectively, of all resident births. Nationally, in 1981, of the 41 states and the District of Columbia which report marital status, 18.9 percent of the births were out-of-wedlock. This is an increase of almost 3 percent compared with 1980 in the out-of-wedlock rate¹.

The rate of age-specific out-of-wedlock births (out-of-wedlock births to females of a specific age group divided by the total number of births to females in that age group times 1,000) is summarized in Table 12. This table shows that for every 1,000 live births to teenagers, ages 15-19 in 1982, approximately 273 were born to unmarried teenage females. Since 1970, this rate has increased by over 54 percent.

¹"Advance Report on Final Natality Statistics, 1981," Monthly Vital Statistics Report, Vol. 32, No. 9, Supp., Dec. 29, 1983, DHHS Pub. No. (PHS) 83-1120, National Center for Health Statistics, Hyattsville, Md., page 28.

TABLE 7

LIVE BIRTHS, POPULATION AND FERTILITY RATES, RESIDENT FEMALE 15-44
YEARS OF AGE FOR SELECTED YEARS: UTAH AND UNITED STATES, 1950-1982

YEAR	UTAH		FERTILITY RATES	
	RESIDENT LIVE BIRTHS	FEMALES AGES 15-44	UTAH	U.S. ^{1,2}
1982	41,537	359,970	115.4	67.8
1981	41,286	346,736	119.1	67.4
1980	41,786	339,799	123.0	68.4
1979	41,078	330,596	124.3	67.2
1978	38,811	320,568	121.1	65.5
1977	37,956	309,987	122.4	66.8
1976	35,310	299,044	118.1	65.0
1975	31,667	287,924	110.0	66.0
1974	29,946	276,605	108.3	67.8
1973	27,978	265,157	105.5	68.8
1972	26,911	253,630	106.1	73.1
1971	27,552	241,851	113.9	81.6
1970	26,969	229,700	117.4	87.9
1965	22,261	204,485	108.9	96.3
1960	26,272	179,275	146.5	118.0
1955	24,602	165,653	148.5	118.3
1950	21,192	152,031	139.4	106.2

NOTES: FERTILITY RATES ARE PER 1,000 WOMEN 15-44 YEARS OF AGE. THE FERTILITY RATES FOR 1971-1979 HAVE BEEN REVISED TO REFLECT THE CHANGE BETWEEN THE ESTIMATED AND ACTUAL POPULATIONS IN 1980. THE NATIONAL FERTILITY RATES FOR 1950 AND 1955 WERE ADJUSTED FOR UNDER-REGISTRATION, REF. 2 BELOW.

SOURCE: ¹1982--"ANNUAL SUMMARY OF BIRTHS, DEATHS, MARRIAGES, AND DIVORCES, UNITED STATES," MONTHLY VITAL STATISTICS REPORT, VOL. 31, NO. 13, OCT. 5, 1983, DHHS PUB. NO. (PHS) 83-1120, NATIONAL CENTER FOR HEALTH STATISTICS, HYATTSVILLE, MD.

²1950-1981--"ADVANCE REPORT OF FINAL NATALITY STATISTICS, 1981," MONTHLY VITAL STATISTICS REPORT, VOL. 32, NO. 9, SUPPL., DEC 29 1983, DHHS PUB. NO. (PHS) 83-1120, NATIONAL CENTER FOR HEALTH STATISTICS, HYATTSVILLE, MD.

TABLE 8

LIVE BIRTHS THAT OCCURRED IN-STATE AND TO RESIDENTS: UTAH, 1982

DISTRICT AND COUNTY	BIRTHS TO RESIDENTS			UTAH BIRTH OCCURRENCES		
	TOTAL RESIDENTS	OCCURRENCE IN UTAH	OCCURRENCE OUT OF UTAH	TOTAL OCCURRENCES	MOTHER A UTAH RESIDENT	MOTHER NOT A UTAH RESIDENT
TOTAL	41,537	41,233	304	42,760	41,233	1,527
DISTRICT 1	2,747	2,716	31	2,812	2,538	274
BOX ELDER	857	854	3	672	652	20
CACHE	1,823	1,808	15	2,140	1,886	254
RICH	67	54	13	--	--	--
DISTRICT 2N	7,718	7,696	22	7,871	7,557	314
DAVIS	3,998	3,987	11	2,785	2,742	43
MORGAN	135	135	--	--	--	--
WEBER	3,586	3,575	11	5,086	4,815	271
DISTRICT 2S	17,196	17,156	40	18,306	17,969	337
SALT LAKE	16,567	16,535	32	18,052	17,715	337
TOOELE	629	621	8	254	254	--
DISTRICT 3	8,181	8,147	34	8,320	8,210	110
SUMMIT	267	265	2	26	21	5
UTAH	7,660	7,629	31	8,045	7,943	102
WASATCH	254	253	1	249	246	3
DISTRICT 4	1,342	1,339	3	1,115	1,109	6
JUAB	147	146	1	87	86	1
MILLARD	288	287	1	254	253	1
PIUTE	23	23	--	--	--	--
SANPETE	444	444	--	403	401	2
SEVIER	392	392	--	371	369	2
WAYNE	47	46	1	--	--	--
DISTRICT 5	1,562	1,547	15	1,934	1,550	384
BEAVER	106	105	1	122	119	3
GARFIELD	111	110	1	108	105	3
IRON	467	464	3	462	434	28
KANE	99	96	3	94	73	21
WASHINGTON	779	772	7	1,148	819	329
DISTRICT 6	1,202	1,189	13	1,057	1,037	20
DAGGETT	22	16	6	--	--	--
DUCHESNE	440	437	3	480	473	7
UINTAH	740	736	4	577	564	13
DISTRICT 7	1,589	1,443	146	1,345	1,263	82
CARBUN	611	606	5	884	881	3
EMERY	472	466	6	6	6	--
GRAND	188	176	12	198	194	4
SAN JUAN	318	195	123	257	182	75

TABLE 9

SEX RATIO, NUMBER OF MALES PER 100 FEMALE LIVE BIRTHS
UTAH AND THE UNITED STATES, 1960-1982

LIVE BIRTH SEX RATIO		
YEAR	UTAH RESIDENTS	U.S. RESIDENTS
1982	105.0	N.A.
1981	105.4	105.2
1980	105.5	105.3
1979	105.8	105.2
1978	105.1	105.3
1977	105.6	105.3
1976	106.3	105.3
1975	104.5	105.4
1974	103.6	105.5
1973	104.6	105.2
1972	103.1	105.1
1971	105.0	105.2
1970	106.2	105.5
1969	105.1	105.3
1968	104.9	105.3
1967	105.9	105.0
1966	105.9	104.9
1965	105.7	105.1
1964	105.2	104.7
1963	102.8	105.3
1962	104.2	104.8
1961	104.9	105.0
1960	105.1	104.9

N.A. MEANS NOT AVAILABLE

TABLE 10

LOW BIRTH WEIGHT PERCENTAGE, LESS THAN 2,500 GRAMS
UTAH AND UNITED STATES, 1970-1982

PERCENTAGE BIRTH WEIGHT LESS THAN 2,500 GRAMS ¹							
UTAH				UNITED STATES ²			
YEAR	TOTAL	WHITE	BLACK	ALL OTHER	TOTAL	WHITE	BLACK
1982	5.6	5.5	11.4	6.8	N.A.	N.A.	N.A.
1981	5.4	5.4	8.7	5.8	6.8	5.7	11.4
1980	5.3	5.2	9.6	5.5	6.8	5.7	12.5
1979	5.6	5.5	11.2	5.9	6.9	5.8	12.6
1978	5.6	5.6	7.3	5.4	7.1	5.9	12.9
1977	5.2	5.2	13.3	5.6	7.1	5.9	12.8
1976	5.4	5.3	14.0	6.1	7.3	6.1	13.0
1975	5.3	5.3	13.8	5.6	7.4	6.3	13.1
1974	5.3	5.2	17.9	6.4	7.4	6.3	13.1
1973	5.5	5.5	14.7	4.8	7.6	6.4	13.3
1972	6.0	6.0	11.9	7.0	7.7	6.5	13.6
1971	6.2	6.1	9.4	8.3	7.7	6.6	13.4
1970	6.5	6.5	12.9	8.3	7.9	6.8	13.9

¹LOW BIRTH WEIGHT IS NOW DEFINED, EFFECTIVE JANUARY 1, 1979, AS "LESS THAN 2,500 GRAMS" (OR 5 POUNDS 8 OUNCES). THIS DEFINITION WAS CHANGED IN THE NINTH REVISION OF THE INTERNATIONAL CLASSIFICATION OF DISEASES (ICD-9), 1978. PRIOR TO THIS CHANGE, LOW BIRTH WEIGHT WAS DEFINED AS "2,500 GRAMS OR LESS."

²"ADVANCE REPORT ON NATALITY STATISTICS, 1981," MONTHLY VITAL STATISTICS REPORT, VOL. 32, NO. 9, SUPP., DEC. 29, 1983, DHHS PUB. NO. (PHS) 83-1120, NATIONAL CENTER FOR HEALTH STATISTICS, HYATTSVILLE, MD. page 25.

N.A. MEANS NOT AVAILABLE

TABLE 11

OUT-OF-WEDLOCK BIRTHS BY AGE OF WOMAN, RESIDENTS: UTAH, 1970-1982

YEAR	TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 + OVER	UNKNOWN
1982	2,899	27	1,150	1,046	433	163	70	10	--	--
1981	2,694	29	1,094	1,005	385	136	36	7	1	1
1980	2,605	28	1,163	894	344	128	42	5	--	1
1979	2,316	18	1,061	784	295	116	35	5	1	1
1978	2,160	28	997	732	274	89	30	9	1	--
1977	1,806	30	880	584	211	73	22	2	1	3
1976	1,493	20	735	479	168	65	21	4	--	1
1975	1,321	32	642	439	136	48	18	3	--	3
1974	1,138	16	564	380	114	40	18	3	--	3
1973	1,216	23	638	381	112	40	15	6	--	1
1972	1,136	23	574	379	83	42	26	5	2	2
1971	1,058	11	500	382	105	38	19	3	--	--
1970	1,215	14	588	441	100	40	20	5	--	7

TABLE 12

OUT-OF-WEDLOCK BIRTHS PER 1,000 LIVE BIRTHS BY AGE OF WOMAN
RESIDENTS: UTAH, 1970-1982

YEAR	TOTAL	UNDER 15	AGE GROUP				
		15	15-19	20-24	25-29	30-34	35+
1982	69.8	843.8	273.0	71.0	33.7	23.8	27.9
1981	65.3	852.9	249.0	67.2	30.7	20.2	16.7
1980	62.3	777.8	255.0	57.9	27.6	19.5	17.3
1979	56.4	642.9	233.5	51.8	23.8	18.3	15.6
1978	55.7	717.9	227.8	50.8	23.7	14.9	16.5
1977	47.6	857.1	207.9	40.7	18.4	12.9	11.4
1976	42.3	689.7	188.4	35.6	15.5	13.0	12.2
1975	41.7	780.5	171.8	35.9	14.4	11.0	11.6
1974	38.0	666.7	156.7	32.2	13.0	9.9	12.4
1973	43.5	766.7	178.4	35.4	13.7	10.8	11.9
1972	42.2	821.4	164.9	36.2	10.9	12.1	18.2
1971	38.4	611.1	156.3	34.1	13.9	10.6	11.8
1970	45.0	736.8	176.3	41.0	13.4	11.4	13.4

DEATH SUMMARY

There were 8,502 Utah residents who died in 1982; an increase of almost three percent over the 8,263 in 1981. The mortality rate remained the same at 5.4 deaths per 1,000 population. The provisional mortality rate nationally was 8.6 deaths per 1,000 persons.

Table 13, summarizes the twelve leading causes of death in Utah and the United States in 1982. Although the rank order of the leading causes are similar, the death rates are different for the first four and first five out of six causes. While the rates for the three leading causes of death in the United States are almost twice as high as those in Utah, the rates for the fourth leading cause "accidents and adverse effects" are comparable, Utah 38.3 and the United States 41.3 per 100,000 population, however, accidental deaths comprise over 7 percent of the deaths in Utah and only 5 percent nationally. The rates for heart disease, malignant neoplasms, and cerebrovascular diseases are all higher nationally than in Utah, 327.8 vs. 189.4; 188.1 vs. 93.6; and 68.9 vs. 41.8, respectively.

Of the 12 leading causes of death nationally, only one "homicide and legal intervention," is not among the 12 leading causes in Utah. For all of the leading causes, the rates nationally are higher than in Utah except for suicide (Utah 13.0 vs. U.S. 12.0) and "certain conditions originating in the perinatal period" (Utah 13.2, the eighth leading cause vs. U.S. 9.0, the twelfth). There is only one leading cause of death in Utah which is not among the leading causes nationally, i.e., "congenital anomalies," which ranked tenth in Utah with a rate of 10.8, while nationally it ranked fourteenth with a rate of 5.7 per 100,000 population.

The relatively low mortality rates in Utah can be explained, at least in part, by Utah's younger population. More than 60 percent of all deaths occur to persons over 65 years of age. Utah has a smaller percentage of older persons than nationally, and, as a consequence, has lower mortality rates.

An historical trend of selected causes of death in Utah is indicated in Tables 14 and 15. These tables show the numbers and "crude mortality," rates per 100,000 population for the thirteen year period 1970-1982.

The leading causes of death for expected years of life lost and working years of life lost for males and females are summarized in Table 16. There are significant differences in the leading causes for both expected years of life and working years of life lost between males and females.

Diseases of the heart are the leading causes of expected years of life lost for both males and females, 24.6 and 25.5 percent respectively. However, heart disease caused 9.9 percent of working years of life lost by males compared with only 7.1 percent for females. The number one cause of working years of life lost was certain conditions originating in the perinatal period for males and females. Almost 15 percent of working years were lost by females to cancer, while males lost more than seven percent to this disease. Males had almost twice the percentage than females of expected years lost and working years of life lost to non-motor vehicle accidents.

Females had higher percentages of working years lost due to certain conditions originating in the perinatal period (20.3 percent) and congenital anomalies (15.1 percent) than males (19.7 and 8.0 percent). Although a small amount, almost two percent, of females' working years were lost to diabetes; males lost less than one percent.

There were 457 resident infant deaths in Utah during 1982, for an infant mortality rate of 11.0 deaths per 1,000 live births. This rate is about 2 percent lower than the rate of 11.2 nationally. Of these 457 infant deaths, 282 died during the neonatal period, from the time of birth through the first 27 days, for a rate of 6.8 per 1,000 live births. There were 175 postneonatal deaths, from 28 days to one year. The postneonatal mortality rate was 4.2 in Utah.

Utah continues to have one of the lowest infant mortality rates in the United States. Table 17 summarizes Utah's infant mortality rate in various age groups since 1960. For a comparison with national rates, see Table 2.

Since 1978, the bureau has analyzed mortality for persons of Spanish origin. In 1982, a smaller percentage of persons of Spanish origin, over 35 percent, died of cardiovascular disease than those of non-Spanish origin, almost 45 percent. However, persons of Spanish origin had higher percentages of deaths than all others in the state for: accidents, 12.6, vs. 6.9 percent; "certain conditions originating in the perinatal period," 5.1 vs. 2.4 percent; cirrhosis of the liver, 2.3 vs. 1.3 percent; and homicide, 5.1 vs. .6 percent, Table 18. For most of the other leading causes of death, the percentage distributions for Spanish origin and non-Spanish origin are similar.

Persons of Spanish origin had a lower median age at death in 1982, 60.7 years, than those of non-Spanish origin, 72.6 years, Table 19.

TABLE 13

LEADING CAUSES OF DEATH: UTAH AND UNITED STATES, 1982

UNITED STATES			UTAH		
RANK CAUSE	ICDA CODE	RATE PER 100,000 POPULATION	RANK CAUSE	NUMBER	RATE PER 100,000 POPULATION
TOTAL		857.6	TOTAL	8,502	545.0
1. DISEASES OF THE HEART	390-398,402, 404-429	327.8	1. DISEASES OF THE HEART	2,954	189.4
2. MALIGNANT NEOPLASMS	140-208	188.1	1. MALIGNANT NEOPLASMS	1,460	93.6
3. CEREBROVASCULAR DISEASES	430-438	68.9	3. CEREBROVASCULAR DISEASES	652	41.8
4. ACCIDENTS AND ADVERSE EFFECTS	E800-E949	41.3	4. ACCIDENTS AND ADVERSE EFFECTS	598	38.3
5. CHRONIC OBSTRUC- TIVE PULMONARY DISEASE AND AL- LIED CONDITIONS	490-496	25.9	5. CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS	282	18.1
6. PNEUMONIA AND INFLUENZA	480-487	21.8	6. PNEUMONIA AND INFLUENZA	232	14.9
7. DIABETES MELLITUS	250	14.3	7. CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	206	13.2
8. SUICIDE	E950-E959	12.0	8. SUICIDE	203	13.0
9. CHRONIC LIVER DISEASE AND CIRRHOSIS	571	11.8	9. DIABETES MELLITUS	184	11.8
10. ATHEROSCLEROSIS	440	11.5	10. CONGENITAL ANOMALIES	169	10.8
11. HOMICIDE AND LEGAL INTERVENTION	E960-E978	9.6	11. CHRONIC LIVER DISEASE AND CIRRHOSIS	110	7.1
12. CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	9.0	12. ATHEROSCLEROSIS	81	5.2
RESIDUAL	--	--	RESIDUAL	1,371	--

SOURCE: "ANNUAL SUMMARY OF BIRTHS, DEATHS, MARRIAGES AND DIVORCES: UNITED STATES, 1982," MONTHLY VITAL STATISTICS REPORT, VOL. 31, NO. 13, OCT. 5, 1983, DHHS PUB. NO. (PHS) 83-1120, NATIONAL CENTER FOR HEALTH STATISTICS, HYATTSVILLE, MD., P. 5.

TABLE 14

MORTALITY FOR SELECTED CAUSES OF DEATH, RESIDENTS: UTAH, 1970-1982

CAUSE OF DEATH PER NINTH REVISION OF THE INTERNATIONAL CLASSIFICATION OF DISEASES ¹	DEATHS FOR EACH YEAR												
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL, ALL CAUSES	7,063	7,245	7,323	7,573	7,380	7,519	7,472	7,612	7,871	7,871	8,103	8,263	8,502
TOTAL	7,063	7,245	7,323	7,573	7,380	7,519	7,472	7,612	7,871	7,871	8,103	8,263	8,502
CERTAIN OTHER INTESTINAL INFECTIONS (007-009)	16	17	15	15	18	16	17	10	9	2	4	--	--
TUBERCULOSIS, ALL FORMS (010-018)	13	13	10	14	8	6	8	6	10	1	7	3	3
OTHER INFECTIVE AND PARASITIC DISEASES (001-139)	37	44	44	43	36	46	38	46	51	49	56	51	76
MALIGNANT NEOPLASMS (140-208)	1,029	1,016	1,027	1,088	1,162	1,169	1,246	1,272	1,310	1,314	1,379	1,424	1,460
DIABETES MELLITUS (250)	160	183	173	158	157	152	150	172	167	176	170	159	184
DISEASES OF THE HEART (390-398, 402, 404, 410-429)	2,236	2,448	2,485	2,463	2,438	1,479	2,500	1,557	2,658	2,800	2,870	2,940	2,954
HYPERTENSION WITHOUT MENTION OF THE HEART (401, 403)	22	28	18	24	20	15	17	20	13	19	17	21	29
CEREBROVASCULAR DISEASE (430-438)	662	734	713	793	783	725	675	671	676	628	647	631	652
GENERAL ARTERIOSCLEROSIS (440)	108	98	104	122	120	93	123	104	105	81	102	89	81
OTHER DISEASES OF CIRCULATORY SYSTEM (441-448)	167	190	171	157	144	171	183	175	153	70	75	98	82
PNEUMONIA AND INFLUENZA (480-487)	198	192	201	224	222	271	259	224	261	232	262	211	232
ASTHMA, BRONCHITIS, AND EMPHYSEMA (490-493)	147	126	108	127	119	133	111	118	102	107	90	96	90
ULCER OF STOMACH AND DUODENUM (531-533)	49	36	39	39	35	32	31	32	20	26	24	26	32
HERNIA AND INTESTINAL OBSTRUCTION (550-560)	25	32	27	42	32	19	33	36	29	25	31	25	24
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	102	97	106	121	96	126	100	121	112	143	101	104	110
NEPHRITIS AND NEPHROSIS (580-589)	32	29	35	27	28	38	31	18	22	60	71	77	72
CONGENITAL ANOMALIES (740-759)	124	107	107	114	104	137	131	135	162	135	143	139	169
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	231	220	193	184	206	198	208	152	183	192	195	177	206
SYMPTOMS, SENILITY, AND ILL-DEFINED CONDITIONS (780-799)	350	231	225	264	188	200	146	176	171	154	133	154	166
MOTOR VEHICLE ACCIDENTS (E810-E825)	326	330	388	370	275	278	286	336	384	335	347	343	325
ACCIDENTS, ALL OTHERS (E800-E807, E826-E827, E830-E838, E840-E845, E850-E859, E860-E849)	292	271	306	327	346	328	270	282	310	287	295	287	273
SUICIDE (E950-E959)	156	129	139	146	134	165	167	180	167	179	190	196	203
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	41	35	43	41	46	36	60	52	65	62	57	59	62
ALL OTHER CAUSES	540	639	646	670	663	686	682	717	731	794	837	953	1,017

¹1978 AND PREVIOUS YEARS CODED TO EIGHTH REVISION ICDA, SEE TECHNICAL APPENDIX FOR COMPARABILITY RATIOS.

TABLE 15

MORTALITY RATES FOR SELECTED CAUSES OF DEATH, RESIDENTS: UTAH, 1970-1982

CAUSE OF DEATH PER NINTH REVISION OF THE INTERNATIONAL CLASSIFICATION OF DISEASES	RATES PER 100,000 POPULATION												
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL, ALL CAUSES	662.6	658.0	645.2	647.8	616.5	609.3	587.4	578.4	577.1	555.9	549.7	543.6	545.0
ALL CAUSES	662.6	658.0	645.2	647.8	616.5	609.3	587.4	578.4	577.1	555.9	549.7	543.6	545.0
CERTAIN OTHER INTESTINAL INFECTIONS (007-009)	1.5	1.5	1.3	1.3	1.5	1.3	1.3	0.8	0.7	--a	--a	--a	--a
TUBERCULOSIS, ALL FORMS (010-018)	1.2	1.2	0.9	1.2	0.7	--a	0.6	--a	0.7	--a	0.5	--a	--a
OTHER INFECTIVE AND PARASITIC DISEASES (001-139)	3.5	4.0	3.9	3.7	3.0	3.7	3.0	3.5	3.7	3.5	3.8	3.4	4.9
MALIGNANT NEOPLASMS (140-208)	96.5	92.3	90.5	93.1	97.1	94.7	98.0	96.7	96.0	92.8	93.6	93.7	93.6
DIABETES MELLITUS (250)	15.0	16.6	15.2	13.5	13.1	12.3	11.8	13.1	12.2	12.4	11.5	10.5	11.8
DISEASES OF THE HEART (390-298, 402, 404, 410-419)	209.8	222.3	218.9	210.7	203.7	200.9	196.5	194.3	194.9	197.7	194.7	193.4	189.4
HYPERTENSION WITHOUT MENTION OF THE HEART (401, 403)	2.1	2.5	1.6	2.1	1.7	1.2	1.3	1.5	1.0	1.3	1.2	1.4	1.9
CEREBROVASCULAR DISEASE (430-438)	62.1	66.7	62.8	67.8	65.4	58.8	53.1	51.0	49.6	44.4	43.9	41.5	41.8
GENERAL ATHEROSCLEROSIS (440)	10.1	8.9	9.2	10.4	10.0	7.5	9.7	7.9	7.7	5.7	6.9	5.9	5.2
OTHER DISEASES OF CIRCULATORY SYSTEM (441-448)	15.7	17.3	15.1	13.4	12.0	13.9	14.4	13.3	11.2	4.9	5.1	6.4	5.3
PNEUMONIA AND INFLUENZA (480-487)	18.6	17.4	17.7	19.2	18.5	22.0	20.4	17.0	19.1	16.4	17.8	13.9	14.9
ASTHMA, BRONCHITIS, AND EMPHYSEMA (490-493)	13.8	11.4	9.5	10.9	9.9	10.8	8.7	9.0	7.5	7.6	6.1	6.3	5.8
ULCER OF STOMACH AND DUODENUM (531-533)	4.6	3.3	3.4	3.3	2.9	2.6	2.4	2.4	1.5	1.8	1.6	1.7	2.1
HERNIA AND INTESTINAL OBSTRUCTION (550-560)	2.3	2.9	2.4	3.6	2.7	1.5	2.6	2.7	2.1	1.8	2.1	1.6	1.5
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	9.6	8.8	9.3	10.4	8.0	10.2	7.9	9.2	8.2	10.1	6.9	6.8	7.1
NEPHRITIS AND NEPHROSIS (580-589)	3.0	2.6	3.1	2.3	2.3	3.1	2.4	1.4	1.6	4.2	4.8	5.1	4.6
CONGENITAL ANOMALIES (740-759)	11.6	9.7	9.4	9.8	8.7	11.1	10.3	10.3	11.9	9.5	9.7	9.1	10.8
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	21.7	20.0	17.0	15.7	17.2	16.0	16.4	11.6	13.4	13.6	13.2	11.6	13.2
SYMPTOMS, SENILITY, AND ILL-DEFINED CONDITIONS (780-799)	32.8	21.0	19.8	22.6	15.7	16.2	11.5	13.4	12.5	10.9	9.0	10.1	10.6
MOTOR VEHICLE ACCIDENTS (E810-E825)	30.6	30.0	34.2	31.7	23.0	22.5	22.5	25.5	28.2	23.7	23.5	22.6	20.8
ACCIDENTS, ALL OTHERS (E800-E807, E826-E949)	27.4	24.6	27.0	28.0	28.9	26.6	21.2	21.4	22.7	20.3	20.0	18.9	17.5
SUICIDE (E950-959)	14.6	11.7	12.2	12.5	11.2	13.4	13.1	13.7	12.2	12.6	12.9	12.9	13.0
HOMICIDE AND LEGAL INTERVENTION (E960-978)	3.8	3.2	3.8	3.5	3.8	2.9	4.7	4.0	4.8	4.4	3.9	3.9	4.0

aNOTE: RATES ARE NOT COMPUTED FOR LESS THAN 7 EVENTS.

TABLE 16

EXPECTED YEARS OF LIFE LOST AND WORKING YEARS OF LIFE LOST BY CAUSE OF DEATH, RESIDENTS: UTAH, 1982

CAUSE OF DEATH	EXPECTED YEARS OF LIFE LOST						WORKING YEARS LOST					
	TOTAL		MALE		FEMALE		TOTAL		MALE		FEMALE	
	YEARS	PERCENT	YEARS	PERCENT	YEARS	PERCENT	YEARS	PERCENT	YEARS	PERCENT	YEARS	PERCENT
TOTAL	174,670	100.0	97,717	100.0	76,952	100.0	72,999	100.0	45,668	100.0	27,331	100.0
1. HEART DISEASE AND STROKE	43,579	24.9	23,991	24.6	19,588	25.5	6,475	8.9	4,539	9.9	1,936	7.1
2. MALIGNANT NEOPLASMS	26,309	15.1	12,020	12.3	14,288	18.6	7,553	10.3	3,532	7.7	4,021	14.7
3. MOTOR VEHICLE ACCIDENTS	15,318	8.8	9,949	10.2	5,369	7.0	10,872	14.9	7,370	16.1	3,502	12.8
4. NON-MOTOR VEHICLE ACCIDENTS	9,521	5.5	6,818	7.0	2,703	3.5	6,055	8.3	4,656	10.2	1,399	5.1
5. PNEUMONIA AND INFLUENZA	3,040	1.7	1,560	1.6	1,480	1.9	911	1.2	506	1.1	405	1.5
6. CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD ¹	21,662	12.4	12,944	13.2	8,718	11.3	14,550	19.9	9,000	19.7	5,550	20.3
7. SUICIDE	7,842	4.5	6,325	6.5	1,516	2.0	5,262	7.2	4,367	9.6	895	3.3
8. DIABETES MELLITUS	2,931	1.7	969	1.1	1,962	2.5	801	1.1	302	.7	499	1.8
9. CONGENITAL ANOMALIES	11,774	6.7	5,285	5.6	6,489	8.4	7,801	10.7	3,674	8.0	4,127	15.1
10. CHRONIC LIVER DISEASE AND CIRRHOSIS	2,553	1.5	1,544	1.0	1,009	1.3	1,050	1.4	666	1.5	384	1.4
11. CHRONIC OBSTRUCTIVE LUNG DISEASE	3,959	2.3	2,697	2.8	1,262	1.6	660	.9	459	1.0	201	.7
12. OTHER CAUSES	26,182	15.0	13,615	13.9	12,567	16.3	11,009	15.1	6,597	14.4	4,412	16.1

¹INCLUDES SIDS DEATHS, NOT INCLUDED IN THIS CATEGORY IN PREVIOUS YEAR TABULATIONS.

NOTE: WORKING YEARS ARE DEFINED AS AGES 15 TO 65 AND WORKING YEARS OF LIFE LOST ARE COMPUTED BASED ON THE YEARS OF LIFE LEFT IN THAT AGE SPAN AT TIME OF DEATH. WORKING YEARS OF LIFE LOST IS CALCULATED BY COMPUTING THE NUMBER OF YEARS BETWEEN AGE AT TIME OF DEATH AND AGE 65 WITH NO ACCOUNTING FOR YEARS BEFORE AGE 15. FOR EXAMPLE, IF A PERSON DIES AT AGE 5, WORKING YEARS OF LIFE LOST WOULD BE 50.

TABLE 17

INFANT MORTALITY RATES BY AGE AT DEATH, RESIDENTS: UTAH, 1960-1982

YEAR	TOTAL	UNDER 1 DAY	1-6 DAYS	1-4 WEEKS	1-11 MONTHS
1982	11.0	4.0	1.8	0.9	4.2
1981	9.8	3.2	1.5	1.1	3.9
1980	10.4	3.1	2.2	1.3	3.8
1979	10.7	3.1	2.4	1.3	4.0
1978	11.4	4.0	2.6	1.2	3.6
1977	10.0	3.4	2.3	1.0	3.3
1976	11.7	4.0	2.7	1.2	3.8
1975	13.1	3.7	4.3	1.4	3.9
1974	12.2	4.4	3.0	1.6	3.2
1973	12.7	4.2	3.5	1.3	3.7
1972	13.4	4.6	3.8	1.4	3.5
1971	13.9	5.2	4.2	1.3	3.2
1970	15.0	5.6	4.5	1.0	3.9
1969	15.8	6.0	4.3	1.2	4.3
1968	17.7	7.3	5.0	1.0	4.4
1967	16.7	6.8	4.5	1.2	4.2
1966	18.3	8.2	5.8	1.0	3.3
1965	18.8	7.4	5.2	.9	5.3
1964	20.2	7.8	5.7	1.2	5.5
1963	18.6	6.8	4.9	1.2	5.7
1962	20.0	6.6	6.3	1.3	5.8
1961	20.2	7.7	6.2	1.1	5.2
1960	19.6	6.8	6.7	.9	5.2

TABLE 18

MORTALITY BY SELECTED CAUSE, SPANISH AND NON-SPANISH
ORIGIN, RESIDENTS: UTAH, 1982

CAUSE OF DEATH	SPANISH ORIGIN		NON-SPANISH ORIGIN	
	NUMBER	PERCENTAGE	NUMBER	PERCENTAGE
TOTAL	175	100.0	8,327	100.0
TUBERCULOSIS	0	0.0	3	0.04
MALIGNANT NEOPLASMS	24	13.7	1,436	17.2
BENIGN NEOPLASMS	0	0.0	35	0.4
DIABETES	10	5.7	174	2.1
CARDIOVASCULAR	62	35.4	3,736	44.9
PNEUMONIA/INFLUENZA	6	3.4	226	2.7
LIVER/CIRRHOSIS	4	2.3	106	1.3
CONGENITAL ANOMALIES	3	1.7	166	2.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	3	5.1	203	2.4
ACCIDENTS	22	12.6	576	6.9
SUICIDE	2	1.1	201	2.4
HOMICIDE	9	5.1	53	0.6
ALL OTHER CAUSES	24	13.7	1,412	17.0

TABLE 19

MORTALITY BY AGE, SPANISH AND NON-SPANISH ORIGIN
RESIDENTS: UTAH, 1982

AGE AT DEATH	SPANISH ORIGIN		NON-SPANISH ORIGIN	
	NUMBER	PERCENTAGE	NUMBER	PERCENTAGE
TOTAL ALL AGES	175	100.0	8,327	100.0
UNDER 1	16	9.1	441	5.3
1-4	2	1.1	84	1.0
5-9	2	1.1	35	0.4
10-14	2	1.1	42	0.5
15-19	4	2.3	115	1.4
20-24	9	5.1	163	2.0
25-29	8	4.6	130	1.6
30-34	4	2.3	133	1.6
35-39	1	0.6	121	1.5
40-44	8	4.6	164	2.0
45-49	8	4.6	200	2.4
50-54	10	5.7	234	2.8
55-59	12	6.7	428	5.1
60-64	11	6.3	609	7.3
65-69	17	9.7	778	9.3
70-74	11	6.3	951	11.4
75-79	17	9.7	1,113	13.4
80-84	19	10.6	1,008	12.1
85+	14	8.0	1,595	19.2
NOT STATED	0	0.0	3	0.4
MEDIAN AGE	60.7		72.6	

VIOLENT DEATH SUMMARY

Mortality due to violent causes is defined as death due to accidents, suicide, homicide, alcoholism, and "injury but unable to determine whether accidentally or purposely inflicted." Deaths from these causes are usually identified as "medical examiner," or "coroner" cases. The reporting of such cases is influenced by the quality of the medical-legal system in a state. Utah adopted a state-wide medical examiner system in 1968. Improvement in reporting since then may account for part of the increase in violent deaths.

In 1982, there were 951 residents of Utah who died of violent causes. This total represents over 11 percent of all deaths to Utah residents for the year and a mortality rate of 61.0 per 100,000 population. The number of violent deaths decreased almost 3 percent between 1981 and 1982, while the rate decreased by almost 5 percent, Table 20.

The mortality rates for violent deaths decreased in Utah between 1981 and 1982, for all types except suicide, homicide while injury undetermined increased from the previous year, Table 21. During this period, the number of suicide deaths increased by over three percent from 196 to 203. There were three more homicides in 1982 than there were in 1981.

Although suicide was the second leading cause of violent death with 21 percent, accidents, the leading cause, accounted for 63 percent of all violent deaths to its residents. The remaining 16 percent was due to homicides (7 percent), undetermined injury (5 percent) and alcoholism (4 percent).

Table 22 summarizes suicide mortality to Utah residents by sex and age for each year, 1960-1982. Although there is some fluctuation in the number of suicide deaths annually, between 1972 and 1982, the total number of suicides to residents of Utah increased by 46 percent, with an increase of almost 58 percent for males and an increase of over 9 percent for females. The number of suicides to females (36) remained the same as in 1981, while the number of males increased from 160 to 167 between these two years.

TABLE 20

VIOLENT DEATHS AND RATES BY TYPE, RESIDENTS: UTAH, 1981-1982

TYPE OF VIOLENCE	NUMBER		RATES ^a	
	1982	1981	1982	1981
TOTAL	951	978	61.0	64.3
ACCIDENTS	598	630	38.3	41.4
MOTOR VEHICLE	325	343	20.8	22.6
NON-MOTOR VEHICLE	273	287	17.5	18.9
SUICIDE	203	196	13.0	12.9
HOMICIDE	62	59	4.0	3.9
ALCOHOLISM	41	51	2.6	3.4
INJURY, UNABLE TO DETERMINE WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	47	42	3.0	2.8

^aRATES ARE PER 100,000 POPULATION

TABLE 21

VIOLENT DEATHS AND RATES BY TYPE, RESIDENTS
UTAH AND UNITED STATES, 1982

TYPE OF VIOLENCE	UTAH		RATE PER 100,000 POPULATION	
	NUMBER	PERCENTAGE	UTAH	U.S.
TOTAL	951	100.0	61.0	62.9 ^a
ACCIDENT	598	62.9	38.3	41.3
SUICIDE	203	21.3	13.0	12.0
HOMICIDE	62	6.5	4.0	9.6
ALCOHOLISM	41	4.3	2.6	-- ^b
INJURY, UNABLE TO DETERMINE WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	47	4.9	3.0	-- ^b

^aTOTAL EXCLUDING ALCOHOLISM, ICD 291, 303, 571.0-571.3 AND INJURY UNABLE TO DETERMINE
^bNOT AVAILABLE

SOURCE: "ANNUAL SUMMARY OF BIRTHS, DEATHS, MARRIAGES, AND DIVORCES: UNITED STATES, 1982." MONTHLY VITAL STATISTICS REPORT, VOL. 31, NO. 13, OCT. 5, 1983, DHHS PUB. NO. (PHS) 83-1120, NATIONAL CENTER FOR HEALTH STATISTICS, HYATTSVILLE, MD, page 5.

TABLE 22

SUICIDE DEATHS BY YEAR, AGE AND SEX, RESIDENTS: UTAH, 1960-1982
DEATHS DUE TO SUICIDE BY AGE GROUP

YEAR AND SEX	TOTAL	UNDER 15	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+
1982 TOTAL	203	1	15	28	59	27	22	28	14	9
MALE	167	1	11	24	53	21	13	25	11	8
FEMALE	36	--	4	4	6	6	9	3	3	1
1981 TOTAL	196	3	17	26	41	34	29	26	16	4
MALE	160	3	14	22	35	26	21	20	15	4
FEMALE	36	--	3	4	6	8	8	6	1	--
1980 TOTAL	190	--	11	29	45	31	29	19	14	12
MALE	137	--	5	20	39	22	19	12	10	10
FEMALE	53	--	6	9	6	9	10	7	4	2
1979 TOTAL	179	1	15	28	46	33	15	16	16	9
MALE	148	--	12	25	38	25	13	12	16	7
FEMALE	31	1	3	3	8	8	2	4	--	2
1978 TOTAL	167	2	12	27	30	27	20	25	17	7
MALE	134	2	9	26	25	19	16	19	12	6
FEMALE	33	--	3	1	5	8	4	6	5	1
1977 TOTAL	180	2	17	25	35	29	28	24	14	6
MALE	147	2	17	23	29	23	21	14	12	6
FEMALE	33	--	--	2	6	6	7	10	2	--
1976 TOTAL	167	--	13	15	38	24	31	28	13	5
MALE	129	--	9	14	31	18	20	23	10	4
FEMALE	38	--	4	1	7	6	11	5	3	1
1975 TOTAL	165	--	22	22	36	26	21	15	15	8
MALE	132	--	17	20	32	18	15	10	13	7
FEMALE	33	--	5	2	4	8	6	5	2	1
1974 TOTAL	134	2	6	17	32	24	24	17	10	2
MALE	104	1	3	14	24	19	20	12	10	1
FEMALE	30	1	3	3	8	5	4	5	--	1
1973 TOTAL	146	4	8	11	37	35	23	14	9	5
MALE	108	3	7	9	25	25	15	12	7	5
FEMALE	38	1	1	2	12	10	8	2	2	--
1972 TOTAL	139	--	5	16	26	29	26	25	6	6
MALE	106	--	5	15	18	20	20	18	5	5
FEMALE	33	--	--	1	8	9	6	7	1	1
1971 TOTAL	129	1	9	17	17	30	21	16	13	5
MALE	88	1	8	14	9	15	15	13	9	4
FEMALE	41	--	1	3	8	15	6	3	4	1

TABLE 22 -- Continued

SUICIDE DEATHS BY YEAR, AGE AND SEX, RESIDENTS: UTAH, 1960-1982
DEATHS DUE TO SUICIDE BY AGE GROUP

YEAR AND SEX	TOTAL	UNDER 15	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+
1970 TOTAL	156	2	15	17	19	28	29	22	13	11
MALE	114	2	10	15	12	16	23	17	10	9
FEMALE	42	--	5	2	7	12	6	5	3	2
1969 TOTAL	114	1	8	13	21	22	24	15	6	4
MALE	87	--	4	11	19	19	17	10	3	4
FEMALE	27	1	4	2	2	3	7	5	3	--
1968 TOTAL	130	2	10	10	29	26	20	19	7	7
MALE	105	1	10	9	24	18	13	16	7	7
FEMALE	25	1	--	1	5	8	7	3	--	--
1967 TOTAL	97	1	3	11	15	21	20	18	5	3
MALE	79	1	3	10	13	14	14	16	5	3
FEMALE	18	--	--	1	2	7	6	2	--	--
1966 TOTAL	101	1	8	11	22	18	21	12	6	2
MALE	82	1	8	10	18	8	17	12	6	2
FEMALE	19	--	--	1	4	10	4	--	--	--
1965 TOTAL	115	--	7	11	17	24	20	23	9	4
MALE	82	--	5	9	10	14	15	17	8	4
FEMALE	33	--	2	2	7	10	5	6	1	--
1964 TOTAL	85	2	3	9	9	22	21	12	3	4
MALE	70	2	3	8	5	19	16	10	3	4
FEMALE	15	--	--	1	4	3	5	2	--	--
1963 TOTAL	80	--	7	12	12	16	14	12	3	4
MALE	59	--	4	10	11	11	9	9	1	4
FEMALE	21	--	3	2	1	5	5	3	2	--
1962 TOTAL	99	1	5	7	12	27	25	12	9	1
MALE	79	1	4	6	8	19	22	11	7	1
FEMALE	20	--	1	1	4	8	3	2	2	--
1961 TOTAL	80	--	3	4	21	13	17	9	5	8
MALE	68	--	3	4	15	11	16	7	5	7
FEMALE	12	--	--	--	6	2	1	2	--	1
1960 TOTAL	86	--	5	7	8	18	24	13	6	5
MALE	72	--	5	6	8	12	20	11	5	5
FEMALE	14	--	--	1	--	6	4	2	1	--

TABLE A-1

LIVE BIRTHS BY COUNTY OF OCCURRENCE, SEX, ATTENDANT
AND HOSPITAL DELIVERY: UTAH, 1982

DISTRICT AND COUNTY OF OCCURRENCE	TOTAL LIVE BIRTHS	SEX		ATTENDANT		HOSPITAL DELIVERY
		MALE	FEMALE	ATTENDED BY PHYSICIAN	ATTENDED BY MIDWIFE	
TOTAL	42,760	21,926	20,834	41,141	433	41,983
DISTRICT 1	2,812	1,453	1,359	2,778	22	2,775
BOX ELDER	672	345	327	657	15	655
CACHE	2,140	1,108	1,032	2,121	7	2,120
RICH	--	--	--	--	--	--
DISTRICT 2N	7,871	4,036	3,835	7,520	62	7,781
DAVIS	2,785	1,413	1,372	2,455	44	2,723
MORGAN	--	--	--	--	--	--
WEBER	5,086	2,623	2,463	5,065	18	5,058
DISTRICT 2S	18,306	9,355	8,951	17,690	100	18,037
SALT LAKE	18,052	9,212	8,840	17,480	99	17,787
TOOELE	254	143	111	210	1	250
DISTRICT 3	8,320	4,292	4,028	7,956	74	8,178
SUMMIT	26	16	10	20	3	21
UTAH	8,045	4,162	3,883	7,692	69	7,913
WASATCH	249	114	135	244	2	244
DISTRICT 4	1,115	578	537	1,098	5	1,098
JUAB	87	45	42	79	3	79
MILLARD	254	131	123	252	1	252
PIUTE	--	--	--	--	--	--
SANPETE	403	220	183	398	1	399
SEVIER	371	182	189	369	--	368
WAYNE	--	--	--	--	--	--
DISTRICT 5	1,934	988	946	1,715	167	1,743
BEAVER	122	64	58	122	--	122
GARFIELD	108	60	48	105	--	105
IRON	462	234	228	420	2	449
KANE	94	48	46	91	1	91
WASHINGTON	1,148	582	566	977	164	976
DISTRICT 6	1,057	550	507	1,051	--	1,047
DAGGETT	--	--	--	--	--	--
DUCHESNE	480	243	237	475	--	473
UINTAH	577	307	270	576	--	574
DISTRICT 7	1,345	674	671	1,333	3	1,324
CARBON	884	453	431	880	2	881
EMERY	6	--	6	2	1	--
GRAND	198	97	101	196	--	196
SAN JUAN	257	124	133	255	--	247

TABLE A-2

LIVE BIRTHS BY SEX, NUMBER BORN, BIRTH ORDER AND RESIDENCE OF MOTHER: UTAH, 1982

RESIDENCE OF MOTHER	TOTAL LIVE BIRTHS	SEX		SINGLE AND MULTIPLE BIRTHS		BIRTH ORDER					SIXTH AND HIGHER	NOT STATED
		MALE	FEMALE	SINGLE	MULTIPLE	FIRST	SECOND	THIRD	FOURTH	FIFTH		
TOTAL	41,537	21,272	20,265	40,772	765	12,890	10,920	7,487	4,599	2,683	2,923	35
DISTRICT 1	2,747	1,426	1,321	2,677	70	851	721	475	329	169	202	--
BOX ELDER	857	441	416	839	18	224	241	173	97	57	65	--
CACHE	1,823	945	878	1,771	52	605	459	288	224	111	136	--
RICH	67	40	27	67	--	22	21	14	8	1	1	--
DISTRICT 2N	7,718	3,933	3,785	7,576	142	2,337	2,056	1,422	906	491	503	3
DAVIS	3,998	2,042	1,956	3,935	63	1,077	1,052	769	500	292	306	2
MORGAN	134	68	66	132	2	26	31	21	25	17	14	--
WEBER	3,586	1,823	1,763	3,509	77	1,234	973	632	381	182	183	1
DISTRICT 2S	17,196	8,795	8,401	16,877	319	5,460	4,821	3,096	1,800	985	1,011	23
SALT LAKE	16,567	8,458	8,109	16,258	309	5,249	4,657	2,980	1,733	948	977	23
TUOOLE	629	337	292	619	10	211	164	116	67	37	34	--
DISTRICT 3	8,181	4,203	3,978	8,020	161	2,662	1,945	1,388	862	599	719	6
SUMMIT	267	141	126	261	6	87	73	48	24	17	18	--
UTAH	7,660	3,941	3,719	7,509	151	2,508	1,803	1,293	816	562	672	6
WASATCH	254	121	133	250	4	67	69	47	22	20	29	--
DISTRICT 4	1,342	697	645	1,329	13	339	277	273	198	127	128	--
JUAB	147	69	78	147	--	37	34	27	22	11	16	--
MILLARD	289	147	142	287	2	69	58	57	40	33	32	--
PIUTE	23	11	12	23	--	3	9	4	5	1	1	--
SANPETE	444	247	197	436	8	113	89	95	71	35	41	--
SEVIER	392	203	189	390	2	100	79	81	54	42	36	--
WAYNE	47	20	27	46	1	17	8	9	6	5	2	--
DISTRICT 5	1,562	804	758	1,540	22	409	337	302	194	135	182	3
BEAVER	106	54	52	106	--	25	29	18	18	7	9	--
GARFIELD	111	64	47	111	--	28	26	23	15	9	10	--
IRON	467	238	229	461	6	140	105	93	54	34	41	--
KANE	99	53	46	97	2	27	19	19	16	8	8	2
WASHINGTON	779	395	384	765	14	189	158	149	91	77	114	1
DISTRICT 6	1,202	630	572	1,180	22	387	339	206	127	74	69	--
DAGGETT	22	11	11	22	--	6	7	2	4	1	2	--
DUCHESNE	440	243	197	424	16	126	129	86	41	30	28	--
UINTAH	740	376	364	734	6	255	203	118	82	43	39	--
DISTRICT 7	1,589	784	805	1,573	16	446	424	325	182	103	109	--
CARBON	611	311	300	607	4	189	171	127	58	38	28	--
EMERY	472	239	233	466	6	122	120	100	60	36	34	--
GRAND	188	89	99	186	2	52	64	41	15	8	8	--
SAN JUAN	318	145	173	314	4	83	69	57	49	21	39	--

TABLE A-3

LIVE BIRTHS BY MONTH OF OCCURRENCE AND RESIDENCE OF MOTHER: UTAH, 1982

RESIDENCE OF MOTHER	TOTAL LIVE BIRTHS	MONTH OF OCCURRENCE											
		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
TOTAL	41,537	3,397	3,160	3,660	3,658	3,654	3,652	3,643	3,545	3,502	3,344	3,175	3,147
DISTRICT 1	2,747	203	208	260	235	229	245	254	237	249	190	214	223
BOX ELDER	857	69	64	76	69	65	72	85	88	83	61	55	70
CACHE	1,823	129	140	176	161	162	168	161	145	156	121	153	151
RICH	67	5	4	8	5	2	5	8	4	10	8	6	2
DISTRICT 2N	7,718	651	620	699	679	659	709	679	626	616	586	601	593
DAVIS	3,998	345	344	367	353	328	369	350	317	320	289	321	295
MORGAN	135	14	11	14	14	12	13	13	8	8	11	6	11
WEBER	3,586	292	265	318	312	319	327	316	301	288	287	274	287
DISTRICT 2S	17,196	1,405	1,313	1,492	1,487	1,533	1,542	1,543	1,476	1,432	1,404	1,289	1,280
SALT LAKE	16,567	1,350	1,268	1,436	1,426	1,489	1,485	1,487	1,421	1,379	1,357	1,242	1,227
TOOELE	629	55	45	56	61	44	57	56	55	53	47	47	53
DISTRICT 3	8,181	679	612	740	728	724	683	689	716	687	704	621	598
SUMMIT	267	28	16	15	27	24	22	23	25	27	20	20	20
UTAH	7,660	629	580	703	685	679	641	645	667	638	659	580	554
WASATCH	254	22	16	22	16	21	20	21	24	22	25	21	24
DISTRICT 4	1,342	98	93	114	128	117	135	116	105	110	121	106	99
JUAB	147	8	12	13	16	9	16	10	17	13	7	11	15
MILLARD	289	19	22	20	28	26	26	25	20	20	28	31	24
PIUTE	23	1	--	3	1	1	4	1	2	3	1	3	3
SANPETE	444	33	27	36	41	28	45	41	42	41	51	33	26
SEVIER	392	35	29	41	37	42	39	35	23	28	29	26	28
WAYNE	47	2	3	1	5	11	5	4	1	5	5	2	3
DISTRICT 5	1,562	134	120	130	133	132	122	137	122	157	127	121	127
BEAVER	106	7	13	9	9	10	7	4	11	11	8	8	9
GARFIELD	111	9	4	8	7	15	11	10	11	13	6	10	7
IRON	467	42	31	43	41	40	34	44	37	44	38	36	37
KANE	99	7	16	10	5	6	8	11	6	14	7	7	2
WASHINGTON	779	69	56	60	71	61	62	68	57	75	68	60	72
DISTRICT 6	1,202	92	73	90	125	116	92	104	123	102	92	88	105
DAGGETT	22	2	3	1	1	1	2	5	1	--	1	1	4
DUCHESNE	440	35	26	38	51	39	29	29	45	44	35	31	38
UINTAH	740	55	44	51	73	76	61	70	77	58	56	56	63
DISTRICT 7	1,589	135	121	135	143	144	124	121	140	149	120	135	122
CARBON	611	36	50	50	54	55	45	51	54	58	49	53	56
EMERY	472	55	34	39	47	42	34	31	49	38	34	37	32
GRAND	183	23	15	15	16	19	17	18	10	16	8	16	15
SAN JUAN	318	21	22	31	26	28	28	21	27	37	29	29	19

TABLE A-4

LIVE BIRTHS BY AGE AND RESIDENCE OF MOTHER: UTAH, 1982

RESIDENCE OF MOTHER	TOTAL LIVE BIRTHS	AGE OF MOTHER									
		UNDER 15	15-19 YEARS			20-24	25-29	30-34	35-39	40-44	45+
			TOTAL	15-17	18-19						
TOTAL	41,537	32	4,212	1,243	2,969	14,731	12,853	6,842	2,386	460	20
DISTRICT 1	2,747	1	245	67	178	1,044	855	398	162	42	--
BOX ELDER	857	1	109	38	71	304	253	124	53	13	--
CACHE	1,823	--	129	29	100	713	574	270	108	29	--
RICH	67	--	7	--	7	27	28	4	1	--	--
DISTRICT 2N	7,719	6	857	252	605	2,692	2,328	1,297	454	80	4
DAVIS	3,998	3	360	110	250	1,300	1,270	724	288	49	4
MORGAN	134	--	13	5	8	38	39	32	9	3	--
WEBER	3,586	3	484	137	347	1,354	1,019	541	157	28	--
DISTRICT 2S	17,196	18	1,786	539	1,247	5,626	5,581	3,028	983	164	9
SALT LAKE	16,567	17	1,659	501	1,158	5,409	5,433	2,937	946	156	9
TOOELE	629	1	127	38	89	217	148	91	37	8	--
DISTRICT 3	8,181	3	570	161	409	3,332	2,421	1,273	468	109	5
SUMMIT	267	--	32	6	26	68	86	63	16	2	--
UTAH	7,660	3	512	146	366	3,174	2,269	1,162	431	104	5
WASATCH	254	--	26	9	17	90	66	48	21	3	--
DISTRICT 4	1,342	1	153	46	107	450	406	234	82	15	1
JUAB	147	--	22	5	17	49	35	34	5	2	--
MILLARD	289	--	30	12	18	95	84	55	20	5	--
PIUTE	23	--	3	1	2	5	6	7	2	--	--
SANPETE	444	1	55	17	38	142	137	70	33	6	--
SEVIER	392	--	38	10	28	146	123	62	21	1	1
WAYNE	47	--	5	1	4	13	21	6	1	1	--
DISTRICT 5	1,562	1	158	41	117	553	437	281	109	23	--
BEAVER	106	--	15	6	9	35	36	13	6	1	--
GARFIELD	111	--	15	2	13	33	31	22	9	1	--
IRON	467	1	42	11	31	171	133	81	33	6	--
KANE	99	--	10	1	9	31	33	21	1	3	--
WASHINGTON	779	--	76	21	55	283	204	144	60	12	--
DISTRICT 6	1,202	1	212	67	145	471	335	121	51	10	1
DAGGETT	22	--	4	1	3	8	4	3	2	1	--
DUCHESNE	440	1	86	26	60	166	125	38	18	6	--
UINTAH	740	--	122	40	82	297	206	80	31	3	1
DISTRICT 7	1,589	1	231	70	161	563	490	210	77	17	--
CARBON	611	--	98	30	68	208	195	81	21	8	--
EMERY	472	--	65	14	51	179	145	57	22	4	--
GRAND	188	--	23	10	13	73	53	26	13	--	--
SAN JUAN	318	1	45	16	29	103	97	46	21	5	--

NOTE: TOTAL INCLUDES ONE RESIDENT OF DAVIS COUNTY WITH AGE NOT STATED.

TABLE A-5

LIVE BIRTHS BY RESIDENCE OF MOTHER AND RACE OF INFANT: UTAH, 1982

RESIDENCE OF MOTHER	TOTAL LIVE BIRTHS	RACE OF INFANT				NOT STATED
		WHITE	BLACK	INDIAN	OTHER NON-WHITE	
TOTAL	41,537	39,599	280	613	1,024	21
DISTRICT 1	2,747	2,668	11	26	41	1
BOX ELDER	857	831	1	17	7	1
CACHE	1,823	1,770	10	9	34	--
RICH	67	67	--	--	--	--
DISTRICT 2N	7,718	7,416	108	36	152	6
DAVIS	3,998	3,869	31	12	83	3
MORGAN	134	132	--	1	1	--
WEBER	3,586	3,415	77	23	68	3
DISTRICT 2S	17,196	16,252	142	171	626	5
SALT LAKE	16,567	15,641	141	165	615	5
TOOELE	629	611	1	6	11	--
DISTRICT 3	8,181	7,921	13	78	166	3
SUMMIT	267	263	1	--	3	--
UTAH	7,660	7,405	12	78	162	3
WASATCH	254	253	--	--	1	--
DISTRICT 4	1,342	1,310	--	18	12	2
JUAB	147	144	--	2	1	--
MILLARD	289	276	--	5	8	--
PIUTE	23	22	--	--	--	1
SANPETE	444	437	--	5	2	--
SEVIER	392	385	--	5	1	1
WAYNE	47	46	--	1	--	--
DISTRICT 5	1,562	1,526	2	23	7	4
BEAVER	106	104	1	1	--	--
GARFIELD	111	109	--	2	--	--
IRON	467	453	--	9	5	--
KANE	99	97	--	--	--	2
WASHINGTON	779	763	1	11	2	2
DISTRICT 6	1,202	1,110	--	87	5	--
DAGGETT	22	22	--	--	--	--
DUCHESNE	440	423	--	16	1	--
UINTAH	740	665	--	71	4	--
DISTRICT 7	1,589	1,396	4	174	15	--
CARBON	611	594	4	7	6	--
EMERY	472	461	--	4	7	--
GRAND	188	182	--	5	1	--
SAN JUAN	318	159	--	158	1	--

TABLE A-6

LIVE BIRTHS BY RESIDENCE OF MOTHER AND BIRTH WEIGHT OF INFANT: UTAH, 1982

RESIDENCE OF MOTHER	TOTAL LIVE BIRTHS	BIRTH WEIGHT IN GRAMS AND POUNDS									NOT STATED
		UNDER 1,000 (2 LBS. 3 OZ. OR LESS)	1,000-1,499 (2 LBS. 4 OZ.-3 LBS. 4 OZ.)	1,500-1,999 (3 LBS. 5 OZ.-4 LBS. 6 OZ.)	2,000-2,499 (4 LBS. 7 OZ.-5 LBS. 8 OZ.)	2,500-2,999 (5 LBS. 9 OZ.-6 LBS. 9 OZ.)	3,000-3,499 (6 LBS. 10 OZ.-7 LBS. 11 OZ.)	3,500-3,999 (7 LBS. 2 OZ.-8 LBS. 13 OZ.)	4,000-4,499 (8 LBS. 14 OZ.-9 LBS. 15 OZ.)	4,500 & OVER (10 LBS. & OVER)	
TOTAL	41,537	165	166	437	1,564	6,592	15,837	12,381	3,656	696	43
DISTRICT 1	2,747	15	17	28	102	435	1,059	838	223	29	1
BOX ELDER	857	3	4	9	28	138	330	254	82	9	--
CACHE	1,823	12	12	16	73	286	703	564	136	20	1
RICH	67	--	1	3	1	11	26	20	5	--	--
DISTRICT 2N	7,718	33	28	94	289	1,258	2,984	2,219	684	124	5
DAVIS	3,998	20	17	44	116	625	1,533	1,190	374	77	2
MORGAN	134	--	--	1	4	24	46	39	17	3	--
WEBER	3,586	13	11	49	169	609	1,405	990	293	44	3
DISTRICT 2S	17,196	66	81	179	708	2,888	6,618	4,943	1,422	270	21
SALT LAKE	16,567	65	77	168	676	2,773	6,381	4,764	1,383	259	21
TOWLE	629	1	4	11	32	115	237	179	39	11	--
DISTRICT 3	8,181	33	22	73	251	1,094	2,990	2,689	835	185	9
SUMMIT	267	2	--	2	15	45	114	66	17	5	1
UTAH	7,660	30	22	69	222	1,015	2,776	2,539	804	177	6
WASATCH	254	1	--	2	14	34	100	84	14	3	2
DISTRICT 4	1,342	6	7	20	52	198	487	408	135	29	--
JUAB	147	--	--	1	3	20	56	51	13	3	--
MILLARD	289	2	1	4	10	42	93	91	39	7	--
PIUTE	23	--	--	--	1	2	7	8	5	--	--
SANPETE	444	2	4	10	10	66	153	144	43	12	--
SEVIER	392	1	2	4	25	62	158	100	33	7	--
WAYNE	47	1	--	1	3	6	20	14	2	--	--
DISTRICT 5	1,562	6	--	14	52	229	598	475	157	26	5
BEAVER	106	--	--	--	5	14	46	36	4	1	--
GARFIELD	111	--	--	3	2	24	45	28	9	--	--
IRON	467	2	--	2	20	68	189	147	30	6	3
KANE	99	--	--	--	4	13	29	30	21	1	1
WASHINGTON	779	4	--	9	21	110	289	234	93	18	1
DISTRICT 6	1,202	1	4	15	57	200	472	355	85	11	2
DAGGETT	22	--	--	--	--	5	9	5	3	--	--
DUCHESNE	440	--	2	10	22	72	174	121	34	3	2
UINTAH	740	1	2	5	35	123	289	229	48	8	--
DISTRICT 7	1,589	5	7	14	53	290	629	454	115	22	--
CARBON	611	4	2	3	19	125	245	169	39	5	--
EMERY	472	1	4	6	11	85	189	131	41	4	--
GRAND	188	--	--	3	8	21	70	65	15	6	--
SAN JUAN	318	--	1	2	15	59	125	89	20	7	--

TABLE A-7

LIVE BIRTHS BY RESIDENCE OF MOTHER AND MONTH PRENATAL CARE BEGAN: UTAH, 1982

RESIDENCE OF MOTHER	TOTAL LIVE BIRTHS	MONTH PRENATAL CARE BEGAN										NOT STATED
		NONE	1	2	3	4	5	6	7	8	9	
TOTAL	41,537	182	3,984	17,171	11,638	3,610	1,665	807	571	336	129	1,444
DISTRICT 1	2,747	10	137	1,141	968	246	100	51	35	16	14	29
BOX ELDER	857	4	65	393	232	68	38	23	8	4	4	18
CACHE	1,823	4	70	719	719	171	59	26	25	11	9	10
RICH	67	2	2	29	17	7	3	2	2	1	1	1
DISTRICT 2N	7,718	14	740	3,775	1,889	634	295	141	99	60	21	50
DAVIS	3,998	6	369	1,904	1,058	328	139	63	48	28	11	44
MORGAN	134	--	11	72	27	14	7	2	1	--	--	--
WEBER	3,586	8	360	1,799	804	292	149	76	50	32	10	6
DISTRICT 2S	17,196	83	1,719	6,451	5,119	1,364	596	302	208	127	43	1,184
SALT LAKE	16,567	77	1,678	6,273	4,911	1,262	568	284	198	119	42	1,155
TOOELE	629	6	41	178	208	102	28	18	10	8	1	29
DISTRICT 3	8,181	22	1,024	3,553	2,164	716	333	130	93	47	13	86
SUMMIT	267	1	27	110	76	24	7	3	5	2	--	12
UTAH	7,660	21	973	3,335	2,017	661	318	125	84	44	13	69
WASATCH	254	--	24	108	71	31	8	2	4	1	--	5
DISTRICT 4	1,342	4	109	595	332	148	73	34	29	5	1	12
JUAB	147	--	14	55	41	22	10	3	1	--	--	1
MILLARD	289	--	16	124	76	40	19	6	4	2	--	2
PIUTE	23	--	4	10	2	5	--	--	2	--	--	--
SANPETE	444	2	35	185	117	46	27	13	10	1	1	7
SEVIER	392	1	36	200	83	33	16	11	10	1	--	1
WAYNE	47	1	4	21	13	2	1	1	2	1	--	1
DISTRICT 5	1,562	8	119	599	400	152	111	52	38	23	10	50
BEAVER	106	--	1	45	39	11	7	2	1	--	--	--
GARFIELD	111	--	5	43	34	15	4	6	1	1	--	2
IRON	467	4	46	199	122	43	28	7	8	5	2	3
KANE	99	--	10	41	19	9	11	4	3	1	--	1
WASHINGTON	779	4	57	271	186	74	61	33	25	16	8	44
DISTRICT 6	1,202	15	69	472	311	152	57	41	23	32	11	19
DAGGETT	22	--	--	7	10	3	--	1	1	--	--	--
DUCHESNE	440	6	37	166	109	58	17	15	7	10	6	9
UINTAH	740	9	32	299	192	91	40	25	15	22	5	10
DISTRICT 7	1,589	26	67	585	455	198	100	56	46	26	16	14
CARBON	611	--	15	251	193	80	39	13	10	6	2	2
EMERY	472	2	20	183	145	52	29	13	15	8	3	2
GRAND	188	2	15	79	46	26	10	6	1	1	--	2
SAN JUAN	318	22	17	72	71	40	22	24	20	11	11	8

TABLE A-8

LIVE BIRTHS BY RESIDENCE OF MOTHER AND NUMBER OF PRENATAL VISITS: UTAH, 1982

RESIDENCE OF MOTHER	TOTAL LIVE BIRTHS	PRENATAL VISITS							NOT STATED
		NONE	1-5	6-9	10-14	15-18	19-27	27+	
TOTAL	41,537	182	2,446	11,469	23,183	2,497	331	68	1,361
DISTRICT 1	2,747	10	122	548	1,890	139	9	1	28
BOX ELDER	857	4	51	232	507	44	3	--	16
CACHE	1,823	4	65	289	1,356	92	6	1	10
RICH	67	2	6	27	27	3	--	--	2
DISTRICT 2N	7,718	14	498	2,300	4,377	409	51	7	62
DAVIS	3,998	6	208	1,122	2,331	250	24	6	51
MORGAN	134	--	7	52	68	6	1	--	--
WEBER	3,586	8	283	1,126	1,978	153	26	1	11
DISTRICT 2S	17,196	83	839	3,815	9,889	1,263	140	38	1,129
SALT LAKE	16,567	77	813	3,673	9,528	1,206	133	37	1,100
TOOELE	629	6	26	142	361	57	7	1	29
DISTRICT 3	8,181	22	422	2,682	4,456	422	86	15	76
SUMMIT	267	1	13	89	135	16	3	--	10
UTAH	7,660	21	401	2,511	4,176	397	78	15	61
WASATCH	254	--	8	82	145	9	5	--	5
DISTRICT 4	1,342	4	99	410	707	87	15	1	19
JUAB	147	--	6	60	69	9	--	--	3
MILLARD	289	--	15	77	161	24	6	--	6
PIUTE	23	--	2	10	10	1	--	--	--
SANPETE	444	2	43	107	241	36	9	--	6
SEVIER	392	1	30	136	206	15	--	1	3
WAYNE	47	1	3	20	20	2	--	--	1
DISTRICT 5	1,562	8	134	542	765	87	10	--	16
BEAVER	106	--	2	36	57	11	--	--	--
GARFIELD	111	--	9	32	63	4	2	--	1
IRON	467	4	19	100	303	37	2	--	2
KANE	99	--	5	25	60	8	--	--	1
WASHINGTON	779	4	99	349	282	27	6	--	12
DISTRICT 6	1,202	15	113	353	615	67	17	5	17
DAGGETT	22	--	2	9	9	1	1	--	--
DUCHESNE	440	6	50	138	208	20	5	3	10
UINTAH	740	9	61	206	398	46	11	2	7
DISTRICT 7	1,589	26	219	819	484	23	3	1	14
CARBON	611	--	67	373	161	3	2	--	5
EMERY	472	2	59	259	139	10	--	--	3
GRAND	188	2	21	71	90	3	1	--	--
SAN JUAN	318	22	72	116	94	7	--	1	6

TABLE A-9

LIVE BIRTHS BY AGE OF MOTHER, RACE AND BIRTH ORDER OF INFANT, RESIDENTS: UTAH, 1982

NUMBER THIS BIRTH	TOTAL	TOTAL LIVE BIRTHS	AGE OF MOTHER							OVER 45	NOT STATED
			UNDER 15	15-19	20-24	25-29	30-34	35-39	40-45		
TOTAL		41,537	32	4,212	14,731	12,853	6,842	2,386	460	20	1
FIRST		12,890	32	3,304	6,550	2,304	584	102	13	1	--
SECOND		10,920	--	778	5,524	3,487	934	186	11	--	--
THIRD		7,487	--	109	2,102	3,671	1,290	276	38	1	--
FOURTH		4,599	--	12	452	2,212	1,531	355	37	--	--
FIFTH		2,683	--	1	78	859	1,263	424	57	1	--
SIXTH AND OVER		2,923	--	--	18	307	1,235	1,043	303	17	--
NOT STATED		35	--	8	7	13	5	--	1	--	1
WHITE		39,599	27	3,970	14,042	12,285	6,527	2,289	440	18	1
FIRST		12,207	27	3,124	6,246	2,165	539	93	12	1	--
SECOND		10,399	--	732	5,290	3,331	863	172	11	--	--
THIRD		7,147	--	95	1,994	3,540	1,220	261	36	1	--
FOURTH		4,414	--	10	421	2,133	1,480	334	36	--	--
FIFTH		2,593	--	1	67	823	1,232	414	55	1	--
SIXTH AND OVER		2,811	--	--	18	284	1,189	1,015	290	15	--
NOT STATED		28	--	8	6	9	4	--	--	--	--
BLACK		280	1	50	116	75	29	9	--	--	--
FIRST		111	1	37	53	14	5	1	--	--	--
SECOND		92	--	10	44	26	9	3	--	--	--
THIRD		49	--	2	16	22	8	1	--	--	--
FOURTH		15	--	1	2	8	2	2	--	--	--
FIFTH		10	--	--	1	4	3	2	--	--	--
SIXTH AND OVER		3	--	--	--	1	2	--	--	--	--
INDIAN		613	2	114	246	149	75	23	4	--	--
FIRST		218	2	84	103	24	4	1	--	--	--
SECOND		155	--	22	84	37	11	1	--	--	--
THIRD		109	--	8	41	37	20	2	1	--	--
FOURTH		61	--	--	13	29	14	5	--	--	--
FIFTH		33	--	--	5	14	12	1	1	--	--
SIXTH AND OVER		37	--	--	--	8	14	13	2	--	--
OTHER NONWHITE		1,024	2	76	320	336	208	65	15	2	--
FIRST		347	2	57	144	100	36	7	1	--	--
SECOND		271	--	14	104	92	51	10	--	--	--
THIRD		178	--	4	51	68	42	12	1	--	--
FOURTH		108	--	1	16	41	35	14	1	--	--
FIFTH		47	--	--	5	18	16	7	1	--	--
SIXTH AND OVER		70	--	--	--	14	28	15	11	2	--
NOT STATED		3	--	--	--	3	--	--	--	--	--
NOT STATED		21	--	2	7	8	3	--	1	--	--
FIRST		7	--	2	4	1	--	--	--	--	--
SECOND		3	--	--	2	1	--	--	--	--	--
THIRD		4	--	--	--	4	--	--	--	--	--
FOURTH		1	--	--	--	1	--	--	--	--	--
FIFTH		2	--	--	--	--	2	--	--	--	--
SIXTH AND OVER		4	--	--	1	1	1	--	1	--	--

TABLE A-10

LIVE BIRTHS BY AGE OF MOTHER, RACE OF INFANT AND MONTH PRENATAL CARE BEGAN, RESIDENTS: UTAH, 1982

RACE OF INFANT AND AGE OF MOTHER	TOTAL LIVE BIRTHS	MONTH PRENATAL CARE BEGAN										NOT STATED
		NONE	1	2	3	4	5	6	7	8	9	
TOTAL	41,537	182	3,984	17,171	11,638	3,610	1,665	807	571	336	129	1,444
UNDER 15	32	3	1	4	3	5	4	2	3	3	2	5
15-19	4,212	31	299	1,267	1,079	571	355	183	129	67	22	209
20-24	14,731	59	1,468	6,147	4,021	1,282	577	280	202	124	61	510
25-29	12,853	46	1,305	5,618	3,691	972	402	182	129	83	27	398
30-34	6,842	24	660	2,986	1,997	506	208	113	69	37	14	228
35-39	2,386	14	218	971	724	209	96	33	33	17	3	68
40-44	460	4	33	171	116	63	22	14	8	5	--	24
45 AND OVER	20	1	--	7	7	2	1	--	1	--	--	1
NOT STATED	1	--	--	--	--	--	--	--	--	--	--	1
WHITE	39,599	130	3,817	16,647	11,193	3,427	1,528	718	490	297	92	1,260
UNDER 15	27	1	1	4	3	5	4	1	--	3	2	3
15-19	3,970	20	280	1,229	1,031	532	332	165	111	60	19	191
20-24	14,042	45	1,405	5,956	3,866	1,217	525	249	176	113	40	450
25-29	12,285	33	1,257	5,453	3,552	926	359	159	107	71	19	349
30-34	6,527	19	630	2,890	1,922	482	193	100	59	29	10	193
35-39	2,289	8	211	942	700	201	93	30	29	16	2	57
40-44	440	4	33	166	112	62	21	14	8	5	--	15
45 AND OVER	18	--	--	7	7	2	1	--	--	--	--	1
NOT STATED	1	--	--	--	--	--	--	--	--	--	--	1
BLACK	280	1	30	78	72	34	21	11	9	2	2	20
UNDER 15	1	1	--	--	--	--	--	--	--	--	--	--
15-19	50	--	7	9	10	9	4	3	3	2	--	3
20-24	116	--	14	33	31	16	8	2	3	--	1	8
25-29	75	--	6	22	24	5	7	3	2	--	--	6
30-34	29	--	3	7	7	3	2	3	1	--	1	2
35-39	9	--	--	7	--	1	--	--	--	--	--	1
40-44	--	--	--	--	--	--	--	--	--	--	--	--
45 AND OVER	--	--	--	--	--	--	--	--	--	--	--	--
NOT STATED	--	--	--	--	--	--	--	--	--	--	--	--
INDIAN	613	37	56	141	112	66	38	50	32	20	22	39
UNDER 15	2	1	--	--	--	--	--	1	--	--	--	--
15-19	114	10	8	17	23	19	9	10	8	3	3	4
20-24	246	11	22	54	42	24	18	23	12	8	16	16
25-29	149	6	15	42	27	15	7	10	9	4	2	12
30-34	75	4	9	21	15	6	3	4	--	5	1	7
35-39	23	5	2	5	4	2	--	2	3	--	--	--
40-44	4	--	--	2	1	--	1	--	--	--	--	--
45 AND OVER	--	--	--	--	--	--	--	--	--	--	--	--
NOT STATED	--	--	--	--	--	--	--	--	--	--	--	--
OTHER NONWHITE	1,024	12	80	297	259	81	76	28	40	17	13	121
UNDER 15	2	--	--	--	--	--	--	--	--	--	--	2
15-19	76	1	4	12	15	11	9	5	7	2	--	10
20-24	320	3	27	101	80	25	25	6	11	3	4	35
25-29	336	5	26	99	88	24	29	10	11	8	6	30
30-34	208	1	18	65	53	15	10	6	9	3	2	26
35-39	65	1	5	17	20	5	3	1	1	1	1	10
40-44	15	--	--	3	3	1	--	--	--	--	--	8
45 AND OVER	2	1	--	--	--	--	--	--	1	--	--	--
NOT STATED	--	--	--	--	--	--	--	--	--	--	--	--
RACE NOT STATED	21	2	1	8	2	2	2	--	--	--	--	4
UNDER 15	--	--	--	--	--	--	--	--	--	--	--	--
15-19	2	--	--	--	--	--	1	--	--	--	--	--
20-24	7	--	--	3	2	--	1	--	--	--	--	1
25-29	8	2	1	2	--	2	--	--	--	--	--	1
30-34	3	--	--	3	--	--	--	--	--	--	--	--
40-44	1	--	--	--	--	--	--	--	--	--	--	--
45 AND OVER	--	--	--	--	--	--	--	--	--	--	--	1
NOT STATED	--	--	--	--	--	--	--	--	--	--	--	--

TABLE A-11

LIVE BIRTHS BY AGE OF MOTHER, RACE OF INFANT AND PRENATAL VISITS, RESIDENTS: UTAH, 1982

RACE OF INFANT AND AGE OF MOTHER	NUMBER OF PRENATAL VISITS								NOT STATED
	TOTAL	NONE	1 - 5	6 - 9	10 - 14	15 - 18	19 - 27	27 +	
TOTAL	41,537	182	2,446	11,469	23,183	2,497	331	68	1,361
UNDER 15	32	3	8	8	8	1	--	--	4
15-19	4,212	31	432	1,335	1,952	229	38	8	187
20-24	14,731	59	908	3,970	8,267	906	110	23	488
25-29	12,853	46	623	3,473	7,466	767	96	22	360
30-34	6,842	24	301	1,867	3,930	420	67	10	223
35-39	2,386	14	131	672	1,329	147	17	4	72
40-44	460	4	43	138	222	25	3	1	24
45 AND OVER	20	1	--	6	9	2	--	--	2
NOT STATED	1	--	--	--	--	--	--	--	1
WHITE	39,599	130	2,160	10,937	22,371	2,419	324	64	1,194
UNDER 15	27	1	6	8	8	1	--	--	3
15-19	3,970	20	370	1,266	1,877	223	36	8	170
20-24	14,042	45	802	3,794	7,967	875	108	20	431
25-29	12,285	33	548	3,307	7,220	744	93	22	318
30-34	6,527	19	268	1,775	3,790	405	67	10	193
35-39	2,289	8	124	647	1,285	144	17	3	61
40-44	440	4	42	135	215	25	3	1	15
45 AND OVER	18	--	--	5	9	2	--	--	2
NOT STATED	1	--	--	--	--	--	--	--	1
BLACK	280	1	32	67	137	20	4	--	19
UNDER 15	1	1	--	--	--	--	--	--	--
15-19	50	--	10	17	18	--	2	--	3
20-24	116	--	13	23	62	9	1	--	8
25-29	75	--	6	17	37	9	1	--	5
30-34	29	--	3	9	13	2	--	--	2
35-39	9	--	--	1	7	--	--	--	1
40-44	--	--	--	--	--	--	--	--	--
45 AND OVER	--	--	--	--	--	--	--	--	--
INDIAN	613	37	129	175	210	22	2	1	37
UNDER 15	2	1	1	--	--	--	--	--	--
15-19	114	10	33	32	33	3	--	--	3
20-24	246	11	55	71	84	7	--	--	18
25-29	149	6	24	48	54	7	2	--	8
30-34	75	4	12	20	28	4	--	--	7
35-39	23	5	4	3	9	1	--	1	--
40-44	4	--	--	1	2	--	--	--	1
45 AND OVER	--	--	--	--	--	--	--	--	--
OTHER NONWHITE	1,024	12	123	285	457	36	1	3	107
UNDER 15	2	--	1	--	--	--	--	--	1
15-19	76	1	19	19	24	3	--	--	10
20-24	320	3	37	81	150	15	1	3	30
25-29	336	5	44	99	153	7	--	--	28
30-34	208	1	18	62	97	9	--	--	21
35-39	65	1	3	21	28	2	--	--	10
40-44	15	--	1	2	5	--	--	--	7
45 AND OVER	2	1	--	1	--	--	--	--	--
NOT STATED	21	2	2	5	8	--	--	--	4
15-19	2	--	--	1	--	--	--	--	1
20-24	7	--	1	1	4	--	--	--	1
25-29	8	2	1	2	2	--	--	--	1
30-34	3	--	--	1	2	--	--	--	--
40-44	1	--	--	--	--	--	--	--	1

TABLE A-12

LIVE BIRTHS BY BIRTH WEIGHT, SEX AND RACE OF INFANT, RESIDENTS: UTAH, 1982

BIRTH WEIGHT IN GRAMS AND POUNDS

RACE AND SEX OF INFANT	TOTAL LIVE BIRTHS	UNDER 1,000 (2 LBS. 3 OZ. OR LESS)	1,000-1,499 (2 LBS. 4 OZ.-3 LBS. 4 OZ.)	1,500-1,499 (3 LBS. 5 OZ.-4 LBS. 6 OZ.)	2,000-2,499 (4 LBS. 7 OZ.-5 LBS. 8 OZ.)	2,500-2,499 (5 LBS. 9 OZ.-6 LBS. 9 OZ.)	3,000-3,499 (6 LBS. 10 OZ.-7 LBS. 11 OZ.)	3,500-3,999 (7 LBS. 2 OZ.-8 LBS. 13 OZ.)	4,000-4,499 (8 LBS. 14 OZ.-9 LBS. 15 OZ.)	4,500 & OVER (10 LBS. & OVER)	NOT STATED
TOTAL	41,537	165	166	437	1,564	6,592	15,837	12,381	3,656	696	43
FEMALE	20,266	83	83	218	835	3,815	8,215	5,434	1,345	217	21
MALE	21,271	82	83	219	729	2,777	7,622	6,947	2,311	479	22
WHITE	39,599	158	156	414	1,460	6,172	15,084	11,910	3,531	674	40
FEMALE	19,282	80	79	203	779	3,573	7,825	5,223	1,291	210	19
MALE	20,317	78	77	211	681	2,599	7,259	6,687	2,240	464	21
BLACK	280	3	4	4	21	67	96	65	17	2	1
FEMALE	147	1	2	2	10	39	51	30	10	1	1
MALE	133	2	2	2	11	28	45	35	7	1	--
INDIAN	613	2	4	5	25	99	251	175	43	9	--
FEMALE	322	1	2	4	17	59	140	78	17	4	--
MALE	291	1	2	1	8	40	111	97	26	5	--
OTHER NONWHITE	1,024	2	2	14	58	252	399	224	63	10	--
FEMALE	503	1	--	9	29	143	195	100	25	1	--
MALE	521	1	2	5	29	109	204	124	38	9	--
NOT STATED	21	--	--	--	--	2	7	7	2	1	2
FEMALE	12	--	--	--	--	1	4	3	2	1	1
MALE	9	--	--	--	--	1	3	4	--	--	1

TABLE A-13

LIVE BIRTHS BY BIRTH WEIGHT AND WEEKS GESTATION, RESIDENTS: UTAH, 1982

BIRTH WEIGHT IN GRAMS AND POUNDS

GESTATION PERIOD IN WEEKS	TOTAL LIVE BIRTHS	UNDER 1,000 (2 LBS. 3 OZ. OR LESS)	1,000-1,499 (2 LBS. 4 OZ.-3 LBS. 4 OZ.)	1,500-1,499 (3 LBS. 5 OZ.-4 LBS. 6 OZ.)	2,000-2,499 (4 LBS. 7 OZ.-5 LBS. 8 OZ.)	2,500-2,499 (5 LBS. 9 OZ.-6 LBS. 9 OZ.)	3,000-3,499 (6 LBS. 10 OZ.-7 LBS. 11 OZ.)	3,500-3,999 (7 LBS. 2 OZ.-8 LBS. 13 OZ.)	4,000-4,499 (8 LBS. 14 OZ.-9 LBS. 15 OZ.)	4,500 & OVER (10 LBS. & OVER)	NOT STATED
TOTAL	41,537	165	166	437	1,564	6,592	15,837	12,381	3,656	696	43
UNDER 20	3	1	--	--	--	1	1	--	--	--	--
20-27	141	100	17	4	3	5	7	1	--	--	4
28-35	1,255	43	114	265	311	237	189	69	19	4	4
36	804	1	9	31	186	289	185	78	21	2	2
37	1,511	--	3	26	168	549	517	210	27	11	--
38	3,402	--	2	26	182	898	1,474	678	118	21	3
39	7,116	--	4	23	190	1,329	3,096	2,004	403	62	5
40	9,624	--	2	13	153	1,188	3,916	3,274	929	147	2
41	7,522	--	--	4	96	764	2,774	2,740	965	174	5
42	3,972	--	1	9	64	395	1,394	1,434	545	128	2
43	1,722	--	--	2	35	217	611	589	203	63	2
44	931	1	1	4	23	127	351	305	96	23	--
45+	1,196	--	--	2	37	175	445	384	124	29	--
NOT STATED	2,338	19	13	28	116	418	877	615	206	32	14

TABLE A-14

LIVE BIRTHS BY AGE AND EDUCATION OF MOTHER BY NUMBER OF PREVIOUS
LIVE BIRTHS, RESIDENTS: UTAH, 1982

PREVIOUS LIVE BIRTHS AND AGE OF MOTHER	EDUCATION OF MOTHER				
	TOTAL LIVE BIRTHS	LESS THAN HIGH SCHOOL	HIGH SCHOOL GRADUATE	ONE OR MORE YEARS OF COLLEGE	NOT STATED
TOTAL	41,537	5,220	15,335	20,147	835
UNDER 20	4,244	2,259	1,635	223	127
20-29	27,584	2,595	11,155	13,310	524
30 AND OVER	9,708	366	2,545	6,614	183
NOT STATED	1	--	--	--	1
NO PREVIOUS LIVE BIRTH	12,890	2,141	4,663	5,810	276
UNDER 20	3,336	1,676	1,355	206	99
20-29	8,854	453	3,166	5,069	166
30 AND OVER	700	12	142	535	11
NOT STATED	--	--	--	--	--
ONE PREVIOUS LIVE BIRTH	10,920	1,433	4,469	4,816	202
UNDER 20	778	489	253	13	23
20-29	9,011	921	3,948	3,988	154
30 AND OVER	1,131	23	268	815	25
NOT STATED	--	--	--	--	--
TWO PREVIOUS LIVE BIRTHS	7,487	847	2,925	3,588	127
UNDER 20	109	85	21	1	2
20-29	5,773	689	2,439	2,537	108
30 AND OVER	1,605	73	465	1,050	17
NOT STATED	--	--	--	--	--
THREE PREVIOUS LIVE BIRTHS	4,599	403	1,590	2,523	83
UNDER 20	12	6	2	2	2
20-29	2,664	337	1,071	1,199	57
30 AND OVER	1,923	60	517	1,322	24
NOT STATED	--	--	--	--	--
FOUR PREVIOUS LIVE BIRTHS	5,606	391	1,680	3,403	132
UNDER 20	1	--	1	--	--
20-29	1,262	193	526	513	30
30 AND OVER	4,343	198	1,153	2,890	102
NOT STATED	--	--	--	--	--
NOT STATED	35	5	8	7	15
UNDER 20	8	3	3	1	1
20-29	20	2	5	4	9
30 AND OVER	6	--	--	2	4
NOT STATED	1	--	--	--	1

TABLE A-15

LIVE BIRTHS BY AGE AND EDUCATION OF PARENTS, RESIDENTS: UTAH, 1982

EDUCATION OF PARENTS

AGE OF PARENTS	TOTAL LIVE BIRTHS		LESS THAN HIGH SCHOOL EDUCATION		HIGH SCHOOL EDUCATION		ONE OR MORE YEARS OF COLLEGE		NOT STATED	
	FATHER	MOTHER	FATHER	MOTHER	FATHER	MOTHER	FATHER	MOTHER	FATHER	MOTHER
TOTAL	41,537	41,537	2,994	5,220	11,913	15,335	23,707	20,147	2,923	835
UNDER 15	--	32	--	30	--	--	--	--	--	2
15	5	121	4	116	--	1	--	--	1	4
16	22	364	18	338	--	10	--	1	4	15
17	130	758	98	646	24	93	--	--	8	19
18	371	1,227	157	599	185	556	12	32	17	40
19	645	1,742	190	530	361	975	70	190	24	47
20-24	9,870	14,731	1,276	1,823	4,267	6,632	4,073	5,964	254	312
25-29	13,937	12,853	647	772	4,258	4,523	8,771	7,346	261	212
30-34	8,501	6,842	254	225	1,640	1,750	6,428	4,745	179	122
35-39	4,007	2,386	152	108	680	639	3,099	1,591	76	48
40-44	1,318	460	82	32	269	150	928	268	39	10
45+	493	20	56	1	126	6	291	10	20	3
NOT STATED	2,238	1	60	--	103	--	35	--	2,040	1

TABLE A-16

OUT-OF-WEDLOCK LIVE BIRTHS BY AGE AND EDUCATION OF PARENTS, RESIDENTS: UTAH, 1982

AGE OF PARENTS	EDUCATION OF PARENTS									
	TOTAL LIVE BIRTHS		LESS THAN HIGH SCHOOL EDUCATION		HIGH SCHOOL EDUCATION		ONE OR MORE YEARS OF COLLEGE		NOT STATED	
	FATHER	MOTHER	FATHER	MOTHER	FATHER	MOTHER	FATHER	MOTHER	FATHER	MOTHER
TOTAL	2,899	2,899	249	1,324	395	1,066	143	417	2,112	92
UNDER 15	--	27	--	26	--	--	--	--	--	1
15	3	77	3	75	--	--	--	--	--	2
16	8	169	5	157	--	1	--	1	3	10
17	25	260	17	224	3	31	--	--	5	5
18	45	339	22	191	17	121	--	14	6	13
19	48	305	17	124	24	146	1	28	6	7
20-24	252	1,046	85	364	108	469	26	180	33	33
25-29	179	433	32	115	83	203	33	103	31	12
30-34	80	163	11	28	31	68	25	61	13	6
35-39	41	70	3	17	18	25	13	25	7	3
40-44	16	10	2	3	5	2	7	5	2	--
45+	13	--	1	--	6	--	3	--	3	--
NOT STATED	2,189	--	51	--	100	--	35	--	2,003	--

TABLE A-17

OUT-OF-WEDLOCK LIVE BIRTHS BY AGE AND RESIDENCE OF MOTHER: UTAH, 1982

RESIDENCE OF MOTHER	AGE OF MOTHER										
	TOTAL	UNDER 15		15-19 YEARS							
		15	TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL	2,899	27	1,150	506	644	1,046	433	163	70	10	--
DISTRICT 1	104	--	37	18	19	33	16	13	3	2	--
BOX ELDER	51	--	25	13	12	15	4	2	3	2	--
CACHE	51	--	12	5	7	16	12	11	--	--	--
RICH	2	--	--	--	--	2	--	--	--	--	--
DISTRICT 2N	640	6	286	124	162	216	82	35	13	2	--
DAVIS	218	3	105	52	53	76	26	5	3	--	--
MORGAN	1	--	1	--	1	--	--	--	--	--	--
WEBER	421	3	180	72	108	140	56	30	10	2	--
DISTRICT 2S	1,500	15	575	251	324	552	232	85	39	2	--
SALT LAKE	1,434	14	541	235	306	532	223	84	38	2	--
TOOELE	66	1	34	16	18	20	9	1	1	--	--
DISTRICT 3	295	2	104	53	51	116	51	16	5	1	--
SUMMIT	13	--	7	3	4	1	3	2	--	--	--
UTAH	269	2	91	46	45	112	45	13	5	1	--
WASATCH	13	--	6	4	2	3	3	1	--	--	--
DISTRICT 4	50	1	19	11	8	16	10	2	2	--	--
JUAB	4	--	1	--	1	--	3	--	--	--	--
MILLARD	7	--	3	2	1	3	--	1	--	--	--
PIUTE	--	--	--	--	--	--	--	--	--	--	--
SANPETE	25	1	11	6	5	7	5	1	--	--	--
SEVIER	13	--	4	3	1	5	2	--	2	--	--
WAYNE	1	--	--	--	--	1	--	--	--	--	--
DISTRICT 5	85	1	34	16	18	27	15	5	2	1	--
BEAVER	3	--	1	1	--	1	1	--	--	--	--
GARFIELD	5	--	3	--	3	2	--	--	--	--	--
IRON	25	1	11	4	7	6	3	3	1	--	--
KANE	4	--	--	--	--	2	2	--	--	--	--
WASHINGTON	48	--	19	11	8	16	9	2	1	1	--
DISTRICT 6	85	1	35	14	21	37	7	2	1	2	--
DAGGETT	1	--	1	1	--	--	--	--	--	--	--
DUCHESNE	24	1	12	6	6	8	2	--	--	1	--
UINTAH	60	--	22	7	15	29	5	2	1	1	--
DISTRICT 7	140	1	60	19	41	49	20	5	5	--	--
CARBON	47	--	23	6	17	14	8	2	--	--	--
EMERY	14	--	6	1	5	4	4	--	--	--	--
GRAND	15	--	5	2	3	6	1	1	2	--	--
SAN JUAN	64	1	26	10	16	25	7	2	3	--	--

TABLE A-18

LIVE BIRTHS BY AGE, MARITAL STATUS OF MOTHER, AND RACE OF INFANT, RESIDENTS: UTAH, 1982

MARITAL STATUS OF MOTHER AND RACE OF INFANT	TOTAL LIVE BIRTHS	AGE OF MOTHER								NOT STATED
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	
TOTAL ALL	41,537	32	4,212	14,731	12,853	6,842	2,386	460	20	1
WHITE	39,599	27	3,970	14,042	12,285	6,527	2,289	440	18	1
BLACK	280	1	50	116	75	29	9	--	--	--
INDIAN	613	2	114	246	149	75	23	4	--	--
OTHER NONWHITE	1,024	2	76	320	336	208	65	15	2	--
NOT STATED	21	--	2	7	8	3	--	1	--	--
BIRTHS IN WEDLOCK	38,638	5	3,062	13,685	12,420	6,679	2,316	450	20	1
WHITE	37,047	2	2,942	13,138	11,901	6,387	2,226	432	18	1
BLACK	163	--	14	61	59	23	6	--	--	--
INDIAN	425	1	43	171	124	65	19	2	--	--
OTHER NONWHITE	986	2	63	309	329	201	65	15	2	--
NOT STATED	17	--	--	6	7	3	--	1	--	--
BIRTHS NOT IN WEDLOCK	2,899	27	1,150	1,046	433	163	70	10	--	--
WHITE	2,552	25	1,028	904	384	140	63	8	--	--
BLACK	117	1	36	55	16	6	3	--	--	--
INDIAN	188	1	71	75	25	10	4	2	--	--
OTHER NONWHITE	38	--	13	11	7	7	--	--	--	--
NOT STATED	4	--	2	1	1	--	--	--	--	--

TABLE A-19

LIVE BIRTHS BY AGE OF MOTHER AND BIRTH WEIGHT OF INFANT, RESIDENTS: UTAH, 1982

BIRTH WEIGHT OF INFANT IN GRAMS AND POUNDS	TOTAL LIVE BIRTHS	UNDER 15	15-19 YEARS			AGE OF MOTHER					
			TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL	41,537	32	4,212	1,243	2,969	14,731	12,853	6,842	2,386	460	20
UNDER 1,000 GRAMS (2 LBS. 3 OZ. OR LESS)	165	--	18	8	10	63	46	23	13	2	--
1,000-1,499 GRAMS (2 LBS. 4 OZ. TO 3 LBS. 4 OZ.)	166	--	32	8	24	55	41	23	12	3	--
1,500-1,999 GRAMS (3 LBS. 5 OZ. TO 4 LBS. 6 OZ.)	437	1	81	27	54	147	114	61	23	10	--
2,000-2,499 GRAMS (4 LBS. 7 OZ. TO 5 LBS. 8 OZ.)	1,564	1	235	68	167	609	416	202	76	25	--
2,500-2,999 GRAMS (5 LBS. 9 OZ. TO 6 LBS. 9 OZ.)	6,592	9	871	275	596	2,540	1,966	877	292	37	--
3,000-3,499 GRAMS (6 LBS. 10 OZ. TO 7 LBS. 11 OZ.)	15,837	16	1,701	508	1,193	5,887	4,872	2,418	796	138	9
3,500-3,999 GRAMS (7 LBS. 12 OZ. TO 8 LBS. 13 OZ.)	12,381	3	1,035	283	752	4,227	3,978	2,209	758	164	7
4,000-4,499 GRAMS (8 LBS. 14 OZ. TO 9 LBS. 15 OZ.)	3,656	2	204	51	153	1,042	1,191	831	322	60	4
4,500 GRAMS AND OVER (10 LBS. AND OVER)	696	--	29	12	17	143	221	193	93	17	--
NOT STATED	43	--	6	3	3	18	8	5	1	4	--

TABLE A-20

LIVE BIRTHS BY BIRTH WEIGHT OF INFANT WITH ONE OR MORE
COMPLICATIONS REPORTED, RESIDENTS: UTAH, 1982

BIRTH WEIGHTS IN GRAMS	CONDITION				
	TOTAL LIVE BIRTHS	COMPLICATIONS RELATED TO PREGNANCY	COMPLICATIONS NOT RELATED TO PREGNANCY	CONGENITAL ANOMALY	AT LEAST ONE CONDITION
TOTAL	41,537	7,060	2,694	1,083	9,138
UNDER-1000	165	157	47	18	158
1000-1499	166	152	42	21	154
1500-1999	437	352	109	37	370
2000-2499	1,564	745	217	91	828
2500-2999	6,592	1,419	526	194	1,807
3000-3499	15,837	2,053	859	356	2,845
3500-3999	12,381	1,512	627	240	2,081
4000-4499	3,656	509	193	92	684
4500+	696	147	66	23	189
9 NOT STATED	43	14	8	11	22

TABLE A-21

LIVE BIRTHS BY MONTH PRENATAL CARE BEGAN, WITH ONE OR MORE
COMPLICATIONS REPORTED, RESIDENTS: UTAH 1982

MONTH CARE BEGAN	TOTAL LIVE BIRTHS	CONDITION			
		COMPLICATIONS RELATED TO PREGNANCY	COMPLICATIONS NOT RELATED TO PREGNANCY	CONGENITAL ANOMALY	AT LEAST ONE CONDITION
TOTAL	41,537	7,060	2,694	1,083	9,138
NONE	182	48	18	6	57
1	3,984	937	337	127	1,154
2	17,171	2,993	1,051	432	3,781
3	11,638	1,785	782	281	2,429
4	3,610	552	224	86	740
5	1,665	251	98	56	339
6	807	105	48	22	142
7	571	91	26	17	111
8	336	49	24	12	69
9	129	27	10	6	34
NOT STATED	1,444	222	76	38	282

TABLE A-22

LIVE BIRTHS BY AGE OF MOTHER WITH ONE OR MORE COMPLICATIONS
REPORTED, RESIDENTS: UTAH, 1982

AGE OF MOTHER	CONDITION				
	TOTAL LIVE BIRTHS	COMPLICATIONS RELATING TO PREGNANCY	COMPLICATIONS NOT RELATING TO PREGNANCY	CONGENITAL ANOMALIES	AT LEAST ONE CONDITION
TOTAL	41,537	7,060	2,694	1,083	9,138
UNDER 15	32	6	5	2	11
TOTAL 15-19	4,212	763	279	119	967
15-17	1,243	232	99	37	303
18-19	2,969	531	180	82	664
20-24	14,731	2,473	880	404	3,191
25-29	12,853	2,033	772	304	2,661
30-34	6,842	1,193	508	169	1,549
35-39	2,386	479	196	64	611
40-44	460	108	52	19	142
45+	20	5	2	2	6

TABLE A-23

LIVE BIRTHS BY COUNTY AND DISTRICT OF RESIDENCE WITH ONE OR MORE
COMPLICATIONS REPORTED, RESIDENTS: UTAH, 1982

RESIDENCE OF MOTHER	CONDITION			
	COMPLICATIONS RELATED TO PREGNANCY	COMPLICATIONS NOT RELATED TO PREGNANCY	CONGENITAL ANOMALIES	AT LEAST ONE CONDITION
TOTAL	7,060	2,694	1,083	9,138
DISTRICT 1	630	179	48	744
BOX ELDER	134	40	24	170
CACHE	486	135	23	563
RICH	10	4	1	11
DISTRICT 2N	1,419	488	184	1,776
DAVIS	730	256	68	888
MORGAN	16	9	4	22
WEBER	673	224	112	866
DISTRICT 2S	2,992	1,429	323	3,928
SALT LAKE	2,880	1,359	310	3,772
TOOELE	112	70	13	156
DISTRICT 3	1,325	376	316	1,752
SUMMIT	33	11	5	45
UTAH	1,252	352	302	1,653
WASATCH	40	13	9	54
DISTRICT 4	147	53	34	199
JUAB	13	7	1	18
MILLARD	42	23	11	64
SANPETE	54	11	9	69
SEVIER	33	9	10	41
WAYNE	5	2	3	7
DISTRICT 5 /	165	51	100	257
BEAVER	9	2	3	11
GARFIELD	9	7	1	14
IRON	57	10	6	64
KANE	18	15	18	39
WASHINGTON	72	17	72	129
DISTRICT 6	193	60	32	234
DAGGETT	3	3	1	5
DUCHESNE	86	25	17	104
UINTAH	104	32	14	125
DISTRICT 7	189	58	46	248
CARBON	61	13	17	79
EMERY	47	13	12	59
GRAND	30	9	6	36
SAN JUAN	51	23	11	74

TABLE A-24

LIVE BIRTHS BY FIVE-MINUTE APGAR SCORE AND BIRTH WEIGHT OF INFANT, RESIDENTS: UTAH, 1982

BIRTH WEIGHT IN GRAMS AND POUNDS

BIRTHS BY FIVE MINUTE APGAR SCORE	TOTAL LIVE BIRTHS	UNDER 1,000 (2 LBS. 3 OZ. OR LESS)	1,500-1,499 (2 LBS. 4 OZ.-3 LBS. 4 OZ.)	1,500-1,999 (3 LBS. 5 OZ.-4 LBS. 6 OZ.)	2,000-2,499 (4 LBS. 7 OZ.-5 LBS. 8 OZ.)	2,500-2,999 (5 LBS. 9 OZ.-6 LBS. 9 OZ.)	3,000-3,499 (6 LBS. 10 OZ.-6 LBS. 11 OZ.)	3,500-3,999 (7 LBS. 2 OZ.-8 LBS. 13 OZ.)	4,000-4,499 (8 LBS. 14 OZ.-9 LBS. 15 OZ.)	4,500 & OVER (10 LBS. & OVER)	NOT STATED
TOTAL	41,537	165	166	437	1,564	6,592	15,837	12,381	3,656	696	43
00	41	22	3	2	3	1	5	1	1	--	3
01	70	42	1	5	3	4	7	1	5	--	2
02	53	13	8	1	7	6	7	8	1	1	1
03	61	13	6	3	3	9	13	7	1	1	5
04	95	10	8	10	14	16	16	15	5	--	1
05	185	15	18	20	25	27	39	25	10	4	2
06	570	16	28	51	78	111	139	102	30	10	5
07	1,329	12	40	78	159	259	384	285	83	28	1
08	5,247	10	28	118	340	961	1,800	1,450	435	105	--
09	31,071	3	17	131	870	4,763	12,315	9,636	2,838	490	8
10	2,524	--	2	2	45	378	1,035	784	227	51	--
NOT STATED	291	9	7	16	17	57	77	67	20	6	15

TABLE A-25

LIVE BIRTHS BY DISTRICT AND COUNTY OF RESIDENCE BY AGE OF MOTHER
WITH MOTHER OF SPANISH ORIGIN, RESIDENTS: UTAH, 1982

RESIDENCE OF MOTHER	TOTAL LIVE BIRTHS	UNDER 15	BIRTHS BY AGE OF MOTHER							
			15-19 YEARS							
			TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-44
TOTAL	1,761	5	381	131	250	663	429	190	78	15
DISTRICT 1	60	--	17	6	11	21	13	7	1	1
BOX ELDER	37	--	10	3	7	14	6	5	1	1
CACHE	21	--	6	3	3	6	7	2	--	--
RICH	2	--	1	--	1	1	--	--	--	--
DISTRICT 2N	413	2	104	36	68	147	91	45	21	3
DAVIS	125	--	34	7	27	41	25	17	6	2
MORGAN	2	--	--	--	--	--	2	--	--	--
WEBER	286	2	70	29	41	106	64	28	15	1
DISTRICT 2S	923	2	209	76	133	350	216	94	46	6
SALT LAKE	857	2	188	69	119	329	202	90	40	6
TOOELE	66	--	21	7	14	21	14	4	6	--
DISTRICT 3	191	1	21	3	18	80	56	26	5	2
SUMMIT	3	--	1	--	1	--	--	2	--	--
UTAH	185	1	20	3	17	78	55	24	5	2
WASATCH	3	--	--	--	--	2	1	--	--	--
DISTRICT 4	21	--	3	2	1	11	5	1	1	--
JUAB	1	--	1	1	--	--	--	--	--	--
MILLARD	7	--	--	--	--	4	2	--	1	--
PIUTE	--	--	--	--	--	--	--	--	--	--
SANPETE	8	--	1	1	--	5	1	1	--	--
SEVIER	4	--	1	--	1	2	1	--	--	--
WAYNE	1	--	--	--	--	--	1	--	--	--
DISTRICT 5	25	--	2	--	2	10	9	3	1	--
BEAVER	--	--	--	--	--	--	--	--	--	--
GARFIELD	2	--	--	--	--	1	1	--	--	--
IRON	4	--	2	--	2	--	2	--	--	--
KANE	1	--	--	--	--	1	--	--	--	--
WASHINGTON	18	--	--	--	--	8	6	3	1	--
DISTRICT 6	37	--	8	1	7	12	14	2	1	--
DAGGETT	--	--	--	--	--	--	--	--	--	--
DUCHESNE	9	--	3	--	3	1	5	--	--	--
UINTAH	28	--	5	1	4	11	9	2	1	--
DISTRICT 7	91	--	17	7	10	32	25	12	2	3
CARBON	65	--	11	3	8	24	20	7	--	3
EMERY	16	--	4	2	2	6	3	2	1	--
GRAND	5	--	1	1	--	--	--	3	1	--
SAN JUAN	5	--	1	1	--	2	2	--	--	--

TABLE A-26

LIVE BIRTHS BY AGE OF MOTHER, RACE OF INFANT AND NUMBER OF PRENATAL VISITS
WITH MOTHER OF SPANISH ORIGIN, RESIDENTS: UTAH, 1982

RACE OF INFANT AND AGE OF MOTHER	TOTAL LIVE BIRTHS	NUMBER OF PRENATAL VISITS							NOT STATED
		NONE	1-5	6-9	10-14	15-18	19-27	27+	
TOTAL	1,761	14	200	506	847	85	12	1	96
UNDER 15	5	--	2	1	2	--	--	--	--
15-19	381	4	61	115	154	14	1	--	32
20-24	663	8	69	186	320	36	2	--	42
25-29	429	2	47	128	217	18	4	1	12
30-34	190	--	11	48	106	14	5	--	6
35-39	78	--	6	23	43	3	--	--	3
40-44	15	--	4	5	5	--	--	--	1
WHITE	1,692	12	194	492	810	80	12	1	91
UNDER 15	5	--	2	1	2	--	--	--	--
15-19	371	3	60	113	149	13	1	--	32
20-24	634	7	66	179	307	33	2	--	40
25-29	406	2	46	123	204	17	4	1	9
30-34	184	--	11	48	100	14	5	--	6
35-39	77	--	5	23	43	3	--	--	3
40-44	15	--	4	5	5	--	--	--	1
BLACK	21	--	2	2	14	1	--	--	2
UNDER 15	--	--	--	--	--	--	--	--	--
15-19	2	--	--	--	2	--	--	--	--
20-24	11	--	1	2	6	1	--	--	1
25-29	7	--	1	--	5	--	--	--	1
30-34	1	--	--	--	1	--	--	--	--
35-39	--	--	--	--	--	--	--	--	--
40-44	--	--	--	--	--	--	--	--	--
INDIAN	24	2	3	6	8	3	--	--	2
UNDER 15	--	--	--	--	--	--	--	--	--
15-19	4	1	1	--	1	1	--	--	--
20-24	10	1	1	3	3	1	--	--	1
25-29	7	--	--	3	2	1	--	--	1
30-34	2	--	--	--	2	--	--	--	--
35-39	1	--	1	--	--	--	--	--	--
40-44	--	--	--	--	--	--	--	--	--
OTHER NONWHITE	24	--	1	6	15	1	--	--	1
UNDER 15	--	--	--	--	--	--	--	--	--
15-19	4	--	--	2	2	--	--	--	--
20-24	8	--	1	2	4	1	--	--	--
25-29	9	--	--	2	6	--	--	--	1
30-34	3	--	--	--	3	--	--	--	--
35-39	--	--	--	--	--	--	--	--	--
40-44	--	--	--	--	--	--	--	--	--

TABLE A-27

LIVE BIRTHS BY RACE OF INFANT, AGE OF MOTHER AND MONTH PRENATAL CARE
BEGAN, WITH MOTHER OF SPANISH ORIGIN, RESIDENTS: UTAH, 1982

RACE OF INFANT AND AGE OF MOTHER	TOTAL LIVE BIRTHS	MONTH PRENATAL CARE BEGAN											NOT STATED
		NONE	MONTH 1	MONTH 2	MONTH 3	MONTH 4	MONTH 5	MONTH 6	MONTH 7	MONTH 8	MONTH 9		
TOTAL	1,761	14	159	551	448	187	134	71	43	42	12	100	
UNDER 15	5	--	1	--	--	1	2	--	--	1	--	--	
15-19	381	4	25	92	80	49	43	24	15	13	4	32	
20-24	663	8	49	205	172	75	49	27	20	13	3	42	
25-29	429	2	47	156	110	41	27	11	4	13	3	15	
30-34	190	--	22	78	59	11	7	4	--	1	1	7	
35-39	78	--	14	19	22	7	6	2	3	1	1	3	
40-44	15	--	1	1	5	3	--	3	1	--	--	1	
WHITE	1,692	12	153	529	430	180	133	67	41	40	11	96	
UNDER 15	5	--	1	--	--	1	2	--	--	1	--	--	
15-19	371	3	24	90	76	47	43	24	15	13	4	32	
20-24	634	7	48	196	166	70	49	25	19	12	2	40	
25-29	406	2	44	146	105	41	26	10	4	12	3	13	
30-34	184	--	21	77	56	11	7	3	--	1	1	7	
35-39	77	--	14	19	22	7	6	2	2	1	1	3	
40-44	15	--	1	1	5	3	--	3	1	--	--	1	
BLACK	21	--	1	7	7	2	--	2	--	--	--	2	
UNDER 15	--	--	--	--	--	--	--	--	--	--	--	--	
15-19	2	--	--	--	1	1	--	--	--	--	--	--	
20-24	11	--	--	4	4	1	--	1	--	--	--	1	
25-29	7	--	1	3	1	--	--	1	--	--	--	1	
30-34	1	--	--	--	1	--	--	--	--	--	--	--	
35-39	--	--	--	--	--	--	--	--	--	--	--	--	
40-44	--	--	--	--	--	--	--	--	--	--	--	--	
INDIAN	24	2	3	8	3	2	1	1	1	1	1	1	
UNDER 15	--	--	--	--	--	--	--	--	--	--	--	--	
15-19	4	1	--	1	2	--	--	--	--	--	--	--	
20-24	10	1	1	3	--	2	--	1	--	--	1	1	
25-29	7	--	1	3	1	--	1	--	--	1	--	--	
30-34	2	--	1	1	--	--	--	--	--	--	--	--	
35-39	1	--	--	--	--	--	--	--	1	--	--	--	
40-44	--	--	--	--	--	--	--	--	--	--	--	--	
OTHER NONWHITE	24	--	2	7	8	3	--	1	1	1	--	1	
UNDER 15	--	--	--	--	--	--	--	--	--	--	--	--	
15-19	4	--	1	1	1	1	--	--	--	--	--	--	
20-24	8	--	--	2	2	2	--	--	1	1	--	--	
25-29	9	--	1	4	3	--	--	--	--	--	--	1	
30-34	3	--	--	--	2	--	--	1	--	--	--	--	
35-39	--	--	--	--	--	--	--	--	--	--	--	--	
40-44	--	--	--	--	--	--	--	--	--	--	--	--	

TABLE A-28

LIVE BIRTHS BY AGE AND MARITAL STATUS OF MOTHER AND RACE OF INFANT, WITH
MOTHER OF SPANISH ORIGIN, RESIDENTS: UTAH, 1982

MARITAL STATUS OF MOTHER AND RACE OF INFANT	TOTAL LIVE BIRTHS	AGE OF MOTHER						
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44
TOTAL	1,761	5	381	663	429	190	78	15
WHITE	1,692	5	371	634	406	184	77	15
BLACK	21	--	2	11	7	1	--	--
INDIAN	24	--	4	10	7	2	1	--
OTHER NONWHITE	24	--	4	8	9	3	--	--
BIRTHS IN WEDLOCK	1,358	--	207	521	374	171	71	14
WHITE	1,301	--	199	501	352	165	70	14
BLACK	14	--	1	5	7	1	--	--
INDIAN	19	--	3	7	6	2	1	--
OTHER NONWHITE	24	--	4	8	9	3	--	--
BIRTHS NOT IN WEDLOCK	403	5	174	142	55	19	7	1
WHITE	391	5	172	133	54	19	7	1
BLACK	7	--	1	6	--	--	--	--
INDIAN	5	--	1	3	1	--	--	--
OTHER NONWHITE	--	--	--	--	--	--	--	--

TABLE A-29

LIVE BIRTHS BY AGE OF MOTHER, ONE OR MORE COMPLICATIONS REPORTED
WITH MOTHER OF SPANISH ORIGIN, RESIDENTS: UTAH, 1982

AGE OF MOTHER	COMPLICATIONS RELATING TO PREGNANCY	COMPLICATIONS NOT RELATING TO PREGNANCY	CONGENITAL ANOMALY	AT LEAST ONE CONDITION
TOTAL	321	109	39	399
UNDER 15	1	3	--	4
TOTAL 15-19	70	28	10	91
15-17	24	13	5	34
18-19	46	15	5	57
20-24	121	36	16	147
25-29	65	22	8	78
30-34	38	13	4	47
35-39	22	5	--	26
40-44	4	2	1	6
45 AND OVER	--	--	--	--

TABLE A-30

LIVE BIRTHS AND DEATHS BY COMMUNITY OF OCCURRENCE AND RESIDENCE: UTAH, 1982

COUNTY AND CITY	BIRTHS		DEATHS	
	PLACE OF OCCURRENCE	PLACE OF RESIDENCE	PLACE OF OCCURRENCE	PLACE OF RESIDENCE
TOTAL	42,760	41,537	8,860	8,502
TOTAL BEAVER	122	106	37	39
BEAVER CITY	87	39	16	19
MILFORD	35	26	19	15
MINERSVILLE	--	16	--	2
BALANCE OF COUNTY	--	25	2	3
TOTAL BOX ELDER	672	857	216	233
BRIGHAM CITY	509	334	134	100
TREMONTON	150	110	40	31
CORINNE	--	15	4	7
GARLAND	--	54	2	9
HONEYVILLE	1	19	--	3
PERRY	--	16	2	3
BEAR RIVER	1	14	2	5
WILLARD	--	25	6	18
BALANCE OF COUNTY	11	270	26	57
CACHE	2,140	1,823	299	324
LOGAN	2,128	961	229	152
SMITHFIELD	6	149	12	36
LEWISTON	--	40	6	10
HYDE PARK	--	56	1	10
NEWTON	--	28	--	4
NORTH LOGAN	--	8	2	5
PROVIDENCE	--	60	5	12
RICHMOND	--	49	2	9
RIVER HEIGHTS	--	5	--	--
HYRUM	2	145	5	19
WELLSVILLE	1	55	2	11
CLARKSTON	1	21	1	3
MENDON	--	24	19	9
MILLVILLE	1	35	1	3
NIBLEY	--	13	1	3
PARADISE	--	15	--	1
BALANCE OF COUNTY	1	159	13	37
CARBON	884	611	171	186
EAST CARBON	--	44	3	14
HELPER	--	56	5	25
PRICE	1	275	24	80
SUNNYSIDE	--	5	--	6
WELLINGTON	1	52	--	14
BALANCE OF COUNTY	882	179	139	47
DAGGETT	--	22	4	7
MANILA	--	10	1	3
DUTCH JOHN	--	2	.	--
BALANCE OF COUNTY	--	10	3	4
DAVIS	2,785	3,998	486	589
BOUNTIFUL	1,479	719	253	183
CENTERVILLE	--	251	3	26
CLEARFIELD	4	449	46	76
FARMINGTON	2	142	3	14
KAYSVILLE	15	247	15	46
LAYTON	750	739	107	89
NORTH SALT LAKE	3	172	7	28
SUNSET	1	134	6	27
SOUTH WEBER	--	40	--	2
CLINTON	1	226	3	14
SYRACUSE	1	114	1	10
WEST POINT	--	62	2	7

TABLE A-30--Continued

LIVE BIRTHS AND DEATHS BY COMMUNITY OF OCCURRENCE AND RESIDENCE: UTAH, 1982

COUNTY AND CITY	BIRTHS		DEATHS	
	PLACE OF OCCURRENCE	PLACE OF RESIDENCE	PLACE OF OCCURRENCE	PLACE OF RESIDENCE
DAVIS COUNTY (CONT.)				
WOODS CROSS	2	129	1	9
FRUIT HEIGHTS	2	54	2	5
WEST BOUNTIFUL	1	121	1	9
BALANCE OF COUNTY	524	399	36	44
DUCHESNE	480	440	83	81
ROOSEVELT	475	170	62	30
DUCHESNE CITY	2	49	4	11
MYTON	--	18	1	6
BALANCE OF COUNTY	3	203	16	34
EMERY	6	472	32	67
GREEN RIVER	--	30	3	5
FERRON	1	99	14	13
CASTLE DALE	--	92	3	9
HUNTINGTON	--	101	4	16
ORANGEVILLE	1	60	4	10
CLEVELAND	--	11	--	--
BALANCE OF COUNTY	4	79	4	14
GARFIELD	108	111	33	30
PANQUITCH	106	50	23	15
ESCALANTE	--	10	1	4
BALANCE OF COUNTY	2	51	9	11
GRAND	198	188	50	52
MOAB	198	114	38	35
BALANCE OF COUNTY	--	74	12	17
IRON	462	467	104	94
CEDAR CITY	452	298	85	60
PAROWAN	5	40	7	13
ENOCH	--	1	1	3
BALANCE OF COUNTY	5	128	11	18
JUAB	87	147	30	45
NEPHI	80	85	23	25
EUREKA	--	10	3	9
MONA	2	14	1	4
BALANCE OF COUNTY	5	38	3	7
KANE	94	99	46	40
KANAB	92	58	35	24
ORDERVILLE	--	8	1	6
BALANCE OF COUNTY	2	33	10	10
MILLARD	254	289	70	82
DELTA	169	69	31	12
FILLMORE	84	64	14	21
HINCKLEY	--	13	--	4
KANOSH	--	4	1	4
BALANCE OF COUNTY	1	139	24	41
MORGAN	--	134	14	31
MORGAN CITY	--	76	6	18
BALANCE OF COUNTY	--	58	8	13
PIUTE	--	23	5	16
MARYSVALE	--	7	--	6
CIRCLEVILLE	--	9	1	6
BALANCE OF COUNTY	--	7	4	4
RICH	--	67	7	14
RANDOLPH	--	16	--	1
WOODRUFF	--	13	4	6
BALANCE OF COUNTY	--	38	3	7

TABLE A-30--Continued

LIVE BIRTHS AND DEATHS BY COMMUNITY OF OCCURRENCE AND RESIDENCE: UTAH, 1982

COUNTY AND CITY	BIRTHS		DEATHS	
	PLACE OF OCCURRENCE	PLACE OF RESIDENCE	PLACE OF OCCURRENCE	PLACE OF RESIDENCE
SALT LAKE	18,052	16,567	4,312	3,656
KEARNS	10	703	15	67
MAGNA	3	585	17	76
MIDVALE	7	354	16	61
MURRAY	2,748	654	362	183
RIVERTON	8	272	8	24
SALT LAKE CITY	10,948	3,995	2,470	1,647
SANDY	906	1,564	78	144
SO. SALT LAKE	6	327	53	96
WEST JORDAN	21	875	17	66
COTTONWOOD	9	795	83	192
WEST VALLEY CITY	609	2,096	219	247
HOLLADAY	6	415	100	140
SOUTH JORDAN	1	186	5	13
WHITE CITY	2	181	6	20
EAST MILLCREEK	8	412	134	184
GRANITE PARK	6	202	11	37
MT. OLYMPUS	1	68	15	40
DRAPER	7	123	13	31
BLUFFDALE	12	49	3	4
NOT STATED	--	--	--	2
BALANCE OF COUNTY	2,734	2,711	687	382
SAN JUAN	257	318	51	59
BLANDING	4	87	6	14
MONTICELLO	167	41	18	7
MONUMENT VALLEY	82	5	11	--
BALANCE OF COUNTY	4	185	16	38
SANPETE	403	444	79	133
EPHRAIM	--	67	5	14
MANTI	1	71	12	25
FOUNTAIN GREEN	1	18	--	4
GUNNISON	227	49	18	20
FAIRVIEW	--	29	--	12
MORONI	--	30	4	9
MT. PLEASANT	172	53	28	18
SPRING CITY	--	21	1	8
CENTERFIELD	--	29	1	5
BALANCE OF COUNTY	2	77	10	18
SEVIER	371	392	117	133
RICHFIELD	369	136	88	51
AURORA	--	24	--	4
SALINA	--	63	7	12
ELSINORE	--	14	--	10
GLENWOOD	--	18	--	4
MONROE	2	35	5	16
REDMOND	--	15	--	8
ANNABELLA	--	19	--	2
BALANCE OF COUNTY	--	66	17	26
SUMMIT	26	267	36	56
PARK CITY	2	49	7	16
HENEFER	--	12	--	1
KAMAS	2	34	2	9
COALVILLE	21	47	10	6
NOT STATED	--	10	--	2
BALANCE OF COUNTY	1	115	17	22
TDOELE	254	629	108	127
GRANTSVILLE	--	112	5	18
TDOELE CITY	252	336	89	83
STOCKTON	--	11	--	2
DUGWAY	--	37	--	1
WENDOVER	--	34	3	6
BALANCE OF COUNTY	2	99	11	17

TABLE A-30--Continued

LIVE BIRTHS AND DEATHS BY COMMUNITY OF OCCURRENCE AND RESIDENCE: UTAH, 1982

COUNTY AND CITY	BIRTHS		DEATHS	
	PLACE OF OCCURRENCE	PLACE OF RESIDENCE	PLACE OF OCCURRENCE	PLACE OF RESIDENCE
UINTAH	577	740	89	152
VERNAL	574	185	59	55
MAESER	--	1	--	--
FT. DUCHESNE	--	16	--	9
BALLARD	--	5	--	--
BALANCE OF COUNTY	3	533	30	88
UTAH	8,045	7,660	1,056	1,031
AMERICAN FORK	928	405	108	94
LEHI	8	259	12	40
OREM	928	2,091	143	213
PAYSON	1,126	261	125	55
PLEASANT GROVE	5	366	21	43
PROVO	5,027	2,758	565	318
SPANISH FORK	5	312	14	69
SPRINGVILLE	7	453	26	84
ALPINE	--	68	2	9
GDSDEN	--	14	--	2
SALEM	1	64	4	10
SANTAQUIN	2	82	2	15
LINDON	4	83	1	15
MAPLETON	1	50	3	10
GENOLA	--	16	--	1
CEDAR HILLS	--	11	--	--
HIGHLAND	--	73	2	6
BALANCE OF COUNTY	3	294	28	47
WASATCH	249	254	73	72
HEBER	244	141	61	40
MIDWAY	3	36	1	14
BALANCE OF COUNTY	2	77	11	18
WASHINGTON	1,148	779	186	175
ST. GEORGE	979	374	146	82
COLORADO CITY	163	45	--	2
ENTERPRISE	--	36	1	5
HURRICANE	1	79	15	24
LAVERKIN	1	40	2	12
BLOOMINGTON	--	20	1	4
WASHINGTON CITY	2	82	6	15
SANTA CLARA	--	32	2	5
NOT STATED	--	18	--	1
BALANCE OF COUNTY	2	53	13	25
WAYNE	--	47	6	10
LOA	--	13	1	4
BALANCE OF COUNTY	--	34	5	6
WEBER	5,086	3,586	1,060	968
NORTH OGDEN	4	215	12	40
OGDEN	3,861	1,721	626	605
RIVERDALE	--	147	7	30
ROY	4	454	51	77
SOUTH OGDEN	--	225	12	59
WASHINGTON TERRACE	1,211	204	287	45
HARRISVILLE	--	57	2	12
HUNTSVILLE	--	13	2	6
PLAIN CITY	--	56	3	7
PLEASANT VIEW	1	59	6	15
UINTAH CITY	--	8	2	2
BALANCE OF COUNTY	5	427	50	70

TABLE A-31

LIVE BIRTHS, PREMATURE LIVE BIRTHS, FETAL DEATHS AND SELECTED CAUSES OF INFANT MORTALITY BY INSTITUTIONS AND COUNTY OF OCCURRENCE: UTAH, 1982

COUNTY & INSTITUTION	SELECTED CAUSES											
	LIVE BIRTHS TOTAL	PREMATURE	FETAL DEATHS	TOTAL	NERVOUS SYSTEM 320-359	RESPIRATORY SYSTEM 465-507	DIGESTIVE SYSTEM 528-571	CONGENITAL ANOMALIES 740-759	RESPIRATORY DISTRESS SYNDROME 769	COMPLICATIONS OF PREGNANCY 760-779	SUDDEN DEATH CAUSE UNKNOWN 798	ALL OTHER CAUSES
TOTAL	43,064	2,523	291	511	7	6	2	145	39	194	85	33
BEAVER	122	4	--	1	--	--	--	--	--	--	1	--
BEAVER VALLEY HOSPITAL	87	3	--	--	--	--	--	--	--	--	--	--
WILFORD VALLEY HOSPITAL	35	1	--	1	--	--	--	--	--	--	1	--
BOX ELDER	672	27	3	4	--	--	--	1	--	--	3	--
COOLEY MEMORIAL HOSPITAL	505	19	2	1	--	--	--	1	--	--	--	--
BEAR RIVER VALLEY HOSPITAL	150	6	1	--	--	--	--	--	--	--	--	--
NOT IN HOSPITAL	17	2	--	3	--	--	--	--	--	--	3	--
CACHE	2,140	120	16	17	--	1	--	4	--	7	3	2
LUGAN HOSPITAL	2,120	120	16	12	--	--	--	4	--	--	1	--
NOT IN HOSPITAL	20	--	--	5	--	1	--	--	--	7	2	2
CARBON	884	36	8	4	--	--	--	--	--	3	1	--
CARBON COUNTY HOSPITAL	881	36	8	4	--	--	--	--	--	3	1	--
NOT IN HOSPITAL	3	--	--	--	--	--	--	--	--	--	--	--
DAGGETT	--	--	--	1	--	--	--	1	--	--	--	--
NOT IN HOSPITAL	--	--	--	1	--	--	--	1	--	--	--	--
DAVIS	2,785	115	14	22	--	--	--	5	1	8	8	--
HILL AFB, USAF HOSPITAL	515	18	8	5	--	--	--	2	--	1	2	--
LAKEVIEW HOSPITAL	1,471	60	4	8	--	--	--	--	1	6	1	--
DAVIS MD. MEDICAL CENTER	737	29	2	1	--	--	--	1	--	--	--	--
NOT IN HOSPITAL	62	8	--	8	--	--	--	2	--	1	5	--
DUCHESNE	480	32	8	3	--	1	--	1	--	--	1	--
DUCHESNE COUNTY HOSPITAL	473	30	8	3	--	1	--	1	--	--	1	--
NOT IN HOSPITAL	7	2	--	--	--	--	--	--	--	--	--	--
EMERY	6	--	--	1	--	--	--	--	--	--	1	--
NOT IN HOSPITAL	6	--	--	1	--	--	--	--	--	--	1	--
GARFIELD	108	3	1	--	--	--	--	--	--	--	--	--
GARFIELD MEMORIAL	105	3	1	--	--	--	--	--	--	--	--	--
NOT IN HOSPITAL	3	--	--	--	--	--	--	--	--	--	--	--
GRAND	198	7	3	2	--	--	--	1	--	--	1	--
ALLEN MEMORIAL HOSPITAL	196	7	3	2	--	--	--	1	--	--	1	--
NOT IN HOSPITAL	2	--	--	--	--	--	--	--	--	--	--	--
IRON	462	24	2	5	--	--	--	--	--	4	--	--
VALLEY MEDICAL CENTER	449	23	1	4	--	--	--	--	--	4	--	--
NOT IN HOSPITAL	13	1	1	1	--	--	--	--	--	--	--	--
JUAB	87	3	--	--	--	--	--	--	--	--	--	--
JUAB COUNTY HOSPITAL	79	3	--	--	--	--	--	--	--	--	--	--
NOT IN HOSPITAL	8	--	--	--	--	--	--	--	--	--	--	--
KANE	94	4	--	--	--	--	--	--	--	--	--	--
KANE COUNTY HOSPITAL	91	3	--	--	--	--	--	--	--	--	--	--
NOT IN HOSPITAL	3	1	--	--	--	--	--	--	--	--	--	--
MILLARD	254	17	2	3	--	--	--	--	--	3	--	--
FILLMORE HOSPITAL	83	4	1	1	--	--	--	--	--	1	--	--
WEST MILLARD HOSPITAL	169	13	1	2	--	--	--	--	--	2	--	--
NOT IN HOSPITAL	2	--	--	--	--	--	--	--	--	--	--	--

TABLE A-31--Continued

LIVE BIRTHS, PREMATURE LIVE BIRTHS, FETAL DEATHS AND SELECTED CAUSES OF INFANT MORTALITY BY INSTITUTIONS AND COUNTY OF OCCURRENCE: UTAH, 1982

COUNTY & INSTITUTION	LIVE BIRTHS		FETAL DEATHS	TOTAL	SELECTED CAUSES								SUDDEN DEATH CAUSE UNKNOWN 798	ALL OTHER CAUSES
	TOTAL	PREMATURE			NERVOUS SYSTEM 320-359	RESPIRATORY SYSTEM 465-507	DIGESTIVE SYSTEM 528-571	CONGENITAL ANOMALIES 740-759	RESPIRATORY DISTRESS SYNDROME 769	COMPLICATIONS OF PREGNANCY 760-779				
SALT LAKE	18,052	1,229	126	280	6	1	1	79	30	105	38	20		
ALTA VIEW	892	35	6	3	--	--	--	2	--	--	1	--		
COTTONWOOD HOSPITAL	2,678	122	18	9	--	--	--	2	--	4	3	--		
HOLY CROSS HOSPITAL	3,459	125	19	4	--	--	--	--	--	3	1	--		
L.D.S. HOSPITAL	5,778	325	36	19	--	--	--	5	2	11	--	1		
PRIMARY CHILD'S. MED. CTR.	--	--	--	124	4	1	1	54	8	34	12	10		
ST. MARKS HOSPITAL	2,695	147	14	8	--	--	--	1	--	6	--	1		
UNIVERSITY MEDICAL CENTER	1,629	422	30	83	1	--	--	12	20	46	1	3		
VALLEY WEST HOSPITAL	584	29	2	7	1	--	--	1	--	1	3	1		
UTAH WOMENS CLINIC	14	--	--	--	--	--	--	--	--	--	--	--		
BIRTH FAMILY CENTER	58	1	--	--	--	--	--	--	--	--	--	--		
NOT IN HOSPITAL	265	23	1	23	--	--	--	2	--	--	17	4		
SAN JUAN	257	12	2	2	--	--	--	1	--	1	--	--		
MONUMENT VALLEY HOSPITAL	81	2	1	1	--	--	--	--	--	1	--	--		
SAN JUAN CO. HOSPITAL	166	9	1	1	--	--	--	1	--	--	--	--		
NOT IN HOSPITAL	10	1	--	--	--	--	--	--	--	--	--	--		
SANPETE	403	12	3	1	--	--	--	--	--	1	--	--		
QUINNISON VALLEY HOSPITAL	227	8	--	--	--	--	--	--	--	--	--	--		
SANPETE VALLEY HOSPITAL	172	4	1	--	--	--	--	--	--	--	--	--		
NOT IN HOSPITAL	4	--	2	1	--	--	--	--	--	1	--	--		
SEVIER	371	25	1	1	--	--	--	--	--	--	--	--		
SEVIER VALLEY HOSPITAL	368	25	1	1	--	--	--	--	--	--	--	--		
NOT IN HOSPITAL	3	--	--	--	--	--	--	--	--	--	--	--		
SUMMIT	26	--	--	1	--	--	--	--	--	--	1	--		
SUMMIT COUNTY HOSPITAL	21	--	--	--	--	--	--	--	--	--	--	--		
NOT IN HOSPITAL	5	--	--	1	--	--	--	--	--	--	1	--		
TUOOLE	254	16	--	2	--	--	--	--	--	--	2	--		
TUOOLE VALLEY HOSPITAL	250	15	--	1	--	--	--	--	--	--	1	--		
NOT IN HOSPITAL	4	1	--	1	--	--	--	--	--	--	1	--		
UINTAH	577	30	4	5	--	--	--	3	--	--	2	--		
ASHLEY MEMORIAL HOSPITAL	574	30	4	4	--	--	--	3	--	--	1	--		
NOT IN HOSPITAL	3	--	--	1	--	--	--	--	--	--	1	--		
UTAH	8,045	379	52	84	--	--	--	22	6	30	20	6		
OREM COMMUNITY HOSPITAL	903	9	--	--	--	--	--	--	--	--	--	--		
AMERICAN FORK HOSPITAL	928	37	4	8	--	--	--	2	--	1	5	--		
MOUNTAIN VIEW HOSPITAL	1,125	46	10	6	--	--	--	1	--	2	2	1		
UTAH VALLEY HOSPITAL	4,957	284	35	59	--	--	--	16	--	27	8	2		
NOT IN HOSPITAL	132	3	3	11	--	--	--	3	--	--	5	3		
WASATCH	249	21	2	2	--	--	--	2	--	--	--	--		
WASATCH COUNTY	244	21	2	2	--	--	--	2	--	--	--	--		
NOT IN HOSPITAL	5	--	--	--	--	--	--	--	--	--	--	--		
WASHINGTON	1,148	40	8	5	--	--	--	1	--	3	--	1		
DIXIE MEDICAL CENTER	976	35	7	4	--	--	--	1	--	3	--	--		
NOT IN HOSPITAL	172	5	1	1	--	--	--	--	--	--	--	1		
WEBER	5,086	341	35	57	1	1	--	21	2	28	1	3		
MCKAY DEE HOSPITAL	3,847	276	29	54	1	--	--	20	2	28	--	3		
ST. BENEDICTS	1,211	63	5	--	--	--	--	--	--	--	--	--		
NOT IN HOSPITAL	28	2	1	3	--	1	--	1	--	--	1	--		
OUT OF STATE	304	26	--	7	--	1	1	2	--	1	1	1		
HOSPITAL	302	24	--	6	--	1	1	2	--	1	1	--		
NOT IN HOSPITAL	2	2	--	1	--	--	--	--	--	--	--	1		

TABLE A-32
FETAL DEATHS BY AGE AND RESIDENCE OF WOMAN: UTAH, 1982

RESIDENCE OF MOTHER	TOTAL	AGE OF MOTHER							
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL	272	--	26	91	88	33	26	8	--
DISTRICT 1	25	--	2	7	6	7	1	2	--
BOX ELDER	8	--	1	2	1	3	1	--	--
CACHE	16	--	1	4	5	4	--	2	--
RICH	1	--	--	1	--	--	--	--	--
DISTRICT 2N	47	--	5	17	16	3	5	1	--
DAVIS	26	--	1	8	10	2	5	--	--
MORGAN	2	--	--	2	--	--	--	--	--
WEBER	19	--	4	7	6	1	--	1	--
DISTRICT 2S	101	--	12	28	38	10	11	2	--
SALT LAKE	99	--	11	28	37	10	11	2	--
TUOOLE	2	--	1	--	1	--	--	--	--
DISTRICT 3	56	--	2	23	17	8	4	2	--
SUMMIT	--	--	--	--	--	--	--	--	--
UTAH	53	--	2	23	16	6	4	2	--
WASATCH	3	--	--	--	1	2	--	--	--
DISTRICT 4	9	--	--	5	1	1	2	--	--
JUAB	--	--	--	--	--	--	--	--	--
MILLARD	2	--	--	1	--	1	--	--	--
SANPETE	6	--	--	3	1	--	2	--	--
SEVIER	1	--	--	1	--	--	--	--	--
WAYNE	--	--	--	--	--	--	--	--	--
DISTRICT 5	10	--	--	4	2	2	1	1	--
BEAVER	1	--	--	1	--	--	--	--	--
GARFIELD	1	--	--	--	--	--	--	1	--
IRON	2	--	--	1	--	--	1	--	--
KANE	--	--	--	--	--	--	--	--	--
WASHINGTON	6	--	--	2	2	2	--	--	--
DISTRICT 6	13	--	1	4	6	1	1	--	--
DAGGETT	--	--	--	--	--	--	--	--	--
DUCHESNE	5	--	--	1	3	1	--	--	--
UINTAH	8	--	1	3	3	--	1	--	--
DISTRICT 7	11	--	4	3	2	1	1	--	--
CARBON	4	--	2	1	--	1	--	--	--
EMERY	3	--	--	--	2	--	1	--	--
GRAND	3	--	2	1	--	--	--	--	--
SAN JUAN	1	--	--	1	--	--	--	--	--

TABLE A-33

FETAL DEATHS BY SEX AND SELECTED CAUSE, RESIDENTS: UTAH, 1982

CAUSE OF FETAL DEATH, NINTH REVISION OF THE INTERNATIONAL CLASSIFICATION OF DISEASES		SEX OF FETUS			
		TOTAL	MALE	FEMALE	UNKNOWN
740-779.9	TOTAL FETAL DEATHS	272	151	119	2
740-759	CONGENITAL ANOMALIES	19	7	12	--
740	ANENCEPHALUS	3	--	3	--
741	SPINA BIFIDA	1	--	1	--
742	OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM	4	2	2	--
746	OTHER CONGENITAL ANOMALIES OF HEART	2	1	1	--
756	OTHER CONGENITAL MUSCULOSKELETAL ANOMALIES	1	1	--	--
758	CHROMOSOMAL ANOMALIES	4	1	3	--
759	OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	4	2	2	--
760	FETUS OR NEWBORN AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	23	16	6	1
760.0	MATERNAL HYPERTENSIVE DISORDERS	14	9	5	--
760.1	MATERNAL RENAL AND URINARY TRACT DISEASES	3	2	1	--
760.2	MATERNAL INFECTIONS	1	1	--	--
760.3	MATERNAL CIRCULATORY AND RESPIRATORY DISEASES	1	1	--	--
760.5	MATERNAL INJURY	3	2	--	1
760.6	MATERNAL SURGERY	1	1	--	--
761	FETUS OR NEWBORN AFFECTED BY MATERNAL COMPLICA- TIONS OF PREGNANCY	29	15	14	--
761.0	INCOMPETENT CERVIX	5	2	3	--
761.1	PREMATURE RUPTURE OF MEMBRANES	9	5	4	--
761.3	POLYHYDRAMNIOS	7	3	4	--
761.5	MULTIPLE PREGNANCY	7	4	3	--
761.6	MATERNAL DEATH	1	1	--	--
762		121	67	53	1
762.0	PLACENTA PRAEVIA	5	2	3	--
762.1	OTHER FORMS OF PLACENTAL SEPARATION AND HAEMORRHAGE	31	22	8	1
762.2	OTHER AND UNSPECIFIED MORPHOLOGICAL AND FUNC- TIONAL ABNORMALITIES OF PLACENTA	19	8	11	--
762.3	PLACENTAL TRANSFUSION SYNDROMES	1	1	--	--
762.4	PROLAPSED CORD	3	2	1	--
762.5	OTHER COMPRESSION OF UMBILICAL CORD	39	19	20	--
762.6	OTHER AND UNSPECIFIED CONDITIONS OF UMBILICAL CORD	19	12	7	--
762.7	CHORIOAMNIONITIS	4	1	3	--
763	FETUS OR NEWBORN AFFECTED BY OTHER COMPLICATIONS LABOR AND DELIVERY	2	1	1	--
765	DISORDERS RELATING TO SHORT GESTATION AND UNSPE- CIFIED LOW BIRTH WEIGHT	5	2	3	--
767	BIRTH TRAUMA	1	--	1	--
773-774	HAEMOLYTIC DISEASE OF FETUS OR NEWBORN, DUE TO ISOIMMUNIZATION, AND OTHER PERINATAL JAUNDICE	3	3	--	--
775	ENDOCRINE AND METABOLIC DISTURBANCES SPECIFIC TO THE FETUS AND NEWBORN	5	5	--	--
779	OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	43	26	17	--
	OTHER	21	9	12	--

TABLE A-34

INFANT MORTALITY FOR SELECTED CAUSES BY AGE, RACE AND SEX, RESIDENTS: UTAH, 1982

CAUSE OF DEATH, NINTH REVISION OF THE INTERNATIONAL CLASSIFICATION OF DISEASES	SEX	RACE			AGE			
		TOTAL	WHITE	NON- WHITE	28 DAYS 1 YEAR	TOTAL UNDER 28 DAYS	7-27 DAYS	1-6 DAYS UNDER 1 DAY
TOTAL DEATHS, ALL CAUSES	T	457	436	21	175	282	41	73
	M	262	249	13	99	163	20	47
	F	194	186	8	76	118	21	26
	U	1	1	--	--	1	--	1
INFECTIOUS AND PARASITIC DISEASES (001-139)	T	3	3	--	3	--	--	--
	M	1	1	--	1	--	--	--
	F	2	2	--	2	--	--	--
NEOPLASMS (140-239)	T	1	--	1	1	--	--	--
	F	1	--	1	1	--	--	--
DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS (320-389)	T	5	4	1	5	--	--	--
	M	3	2	1	3	--	--	--
	F	2	2	--	2	--	--	--
DISEASES OF THE CIRCULATORY SYSTEM (390-459)	T	1	1	--	1	--	--	--
	M	1	1	--	1	--	--	--
DISEASES OF THE RESPIRATORY SYSTEM (460-519)	T	9	7	2	8	1	1	--
	M	5	5	--	4	1	1	--
	F	4	2	2	4	--	--	--
DISEASES OF THE DIGESTIVE SYSTEM (520-579)	T	1	1	--	1	--	--	--
	F	1	1	--	1	--	--	--
CONGENITAL ANOMALIES (740-759)	T	125	120	5	37	88	23	22
	M	60	56	4	17	43	13	13
	F	64	63	1	20	44	10	9
	U	1	1	--	--	1	--	1
ANENCEPHALUS AND SIMILAR ANOMALIES (740)	M	3	3	--	--	3	1	--
	F	4	4	--	--	4	--	4
SPINA BIFIDA (741)	F	3	3	--	1	2	2	--
OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM (742)	M	7	6	1	2	5	2	1
	F	13	12	1	6	7	3	2
BULBUS CORDIS ANOMALIES AND ANOMALIES OF CARDIAC SEPTAL CLOSURE (745)	M	4	3	1	3	1	--	1
	F	1	1	--	1	--	--	--
OTHER CONGENITAL ANOMALIES OF HEART (746)	M	11	11	--	4	7	1	4
	F	13	13	--	4	9	4	2
OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM (747)	M	6	5	1	1	5	--	3
	F	3	3	--	2	1	1	--
CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM (748)	M	5	5	--	1	4	2	--
	F	1	1	--	--	1	--	1
OTHER CONGENITAL ANOMALIES OF UPPER ALIMENTARY TRACT (750)	M	1	1	--	1	--	--	--
	F	5	5	--	5	--	--	--
OTHER CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM (751)	M	8	7	1	--	8	3	3
	F	3	3	--	1	2	--	2
CONGENITAL ANOMALIES OF URINARY SYSTEM (753)	U	1	1	--	--	1	--	1
OTHER CONGENITAL ANOMALIES OF LIMBS (755)	F	1	1	--	1	--	--	--
OTHER CONGENITAL MUSCULOSKELETAL ANOMALIES (756)	M	3	3	--	--	3	--	3
	F	3	3	--	1	2	--	2
CHROMOSOMAL ANOMALIES (758)	M	2	2	--	--	2	1	1
	F	8	8	--	3	5	--	4
OTHER AND UNSPECIFIED CONGENITAL ANOMALIES (759)	M	5	5	--	--	5	3	--
	F	11	11	--	--	11	--	10
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	T	206	200	6	15	191	16	50
	M	127	122	5	10	117	5	33
	F	79	78	1	5	74	11	17
NEWBORN AFFECTED BY MATERNAL CONDITIONS UNRELATED TO PRESENT PREGNANCY (760)	F	2	2	--	--	2	--	2
NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY (761)	M	6	6	--	--	6	--	2
	F	5	5	--	--	5	--	3
NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD AND MEMBRANES (762)	M	9	9	--	--	9	--	3
	F	5	5	--	--	5	1	4
NEWBORN AFFECTED BY OTHER COMPLICATIONS OF LABOR AND DELIVERY (763)	F	2	2	--	--	2	--	2
DISORDERS RELATING TO SHORT GESTATION AND UNSPECI- FIED LOW BIRTH WEIGHT (765)	M	24	23	1	--	24	--	1
	F	19	19	--	--	19	--	1
BIRTH TRAUMA (767)	M	4	4	--	--	4	--	3
	F	2	2	--	1	1	1	--
INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA (768)	M	7	7	--	1	6	--	3
	F	7	7	--	1	6	--	3
RESPIRATORY DISTRESS SYNDROME (769)	M	27	27	--	--	27	4	12
	F	3	3	--	--	3	1	1
OTHER RESPIRATORY CONDITIONS OF NEWBORN (770)	M	19	17	2	2	17	1	5
	F	11	11	--	1	10	1	6
INFECTIONS SPECIFIC TO THE PERINATAL PERIOD (771)	M	7	7	--	2	5	--	1
	F	3	3	--	--	3	2	--
FETAL AND NEONATAL HEMORRHAGE (772)	M	1	1	--	--	1	--	1
	F	7	6	1	1	6	2	2
ENDOCRINE AND METABOLIC DISTURBANCES SPECIFIC TO THE NEWBORN (775)	M	1	1	--	--	1	--	1
HAEMATOLOGICAL DISORDERS OF NEWBORN (776)	M	1	1	--	--	1	--	1
	F	1	1	--	--	1	1	--
PERINATAL DISORDERS OF DIGESTIVE SYSTEM (777)	M	2	2	--	1	1	--	1
	F	1	1	--	--	1	1	--
CONDITIONS INVOLVING THE INTELUENT AND TEMPERATURE REGULATION NEWBORN (778)	M	2	1	1	--	2	--	2
OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (779)	M	17	16	1	4	13	--	1
	F	11	11	--	1	10	1	--
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	T	87	83	4	86	1	--	1
	M	54	52	2	53	1	--	1
	F	33	31	2	33	--	--	--
SUDDEN DEATH, CAUSE UNKNOWN (798)	M	53	51	2	52	1	--	1
	F	32	30	2	32	--	--	--
OTHER ILL-DEFINED AND UNKNOWN CAUSES OF MORBIDITY AND MORTALITY (799)	M	1	1	--	1	--	--	--
	F	1	1	--	1	--	--	--
ACCIDENT, POISONING AND VIOLENCE (EXTERNAL CAUSE) (800-999)	T	19	17	2	19	1	1	--
	M	11	10	1	10	1	1	--
	F	8	7	1	8	--	--	--

TABLE A-35

INFANT, NEONATAL, AND PERINATAL MORTALITY BY RESIDENCE
OF MOTHER: UTAH, 1982

INFANT MORTALITY

NEONATAL MORTALITY

RESIDENCE OF MOTHER	TOTAL DEATHS UNDER 1 YEAR OF AGE (EXCLUDING FETAL)	28 DAYS TO UNDER 1 YEAR	PERINATAL MORTALITY					FETAL DEATHS
			7-27 DAYS	1-6 DAYS	1-24 HOURS	UNDER 1 HOUR		
TOTAL	457	175	41	73	98	70	272	
DISTRICT 1	43	16	--	7	13	7	25	
BOX ELDER	16	8	--	3	2	3	8	
CACHE	26	8	--	4	10	4	16	
RICH	1	--	--	--	1	--	1	
DISTRICT 2N	84	28	10	15	15	16	47	
DAVIS	49	17	3	11	8	10	26	
MORGAN	2	--	--	1	1	--	2	
WEBER	33	11	7	3	6	6	19	
DISTRICT 2S	179	72	20	24	38	25	101	
SALT LAKE	174	68	20	24	38	24	99	
TOOELE	5	4	--	--	--	1	2	
DISTRICT 3	91	34	8	17	21	11	56	
SUMMIT	4	1	1	--	2	--	--	
UTAH	81	33	6	16	16	10	53	
WASATCH	6	--	1	1	3	1	3	
DISTRICT 4	14	4	--	5	2	3	9	
JUAB	1	--	--	1	--	--	--	
MILLARD	3	--	--	--	1	2	2	
PIUTE	--	--	--	--	--	--	--	
SANPETE	4	2	--	2	--	--	6	
SEVIER	5	1	--	2	1	1	1	
WAYNE	1	1	--	--	--	--	--	
DISTRICT 5	13	5	--	1	3	4	10	
BEAVER	1	1	--	--	--	--	1	
GARFIELD	1	1	--	--	--	--	1	
IRON	7	3	--	--	1	3	2	
KANE	--	--	--	--	--	--	--	
WASHINGTON	4	--	--	1	2	1	6	
DISTRICT 6	16	6	1	2	6	1	13	
DAGGETT	1	1	--	--	--	--	--	
DUCHESNE	5	--	1	--	4	--	5	
UINTAH	10	5	--	2	2	1	8	
DISTRICT 7	17	10	2	2	--	3	11	
CARBON	6	3	--	2	--	1	4	
EMERY	6	3	1	--	--	2	3	
GRAND	2	2	--	--	--	--	3	
SAN JUAN	3	2	1	--	--	--	1	

TABLE A-36

DEATHS BY MONTH OF OCCURRENCE AND RESIDENCE: UTAH, 1982

RESIDENCE OF DECEDENT	TOTAL DEATHS	MONTH OF OCCURRENCE											
		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
TOTAL	8,502	719	636	827	709	726	676	694	684	690	678	725	738
DISTRICT 1	571	57	45	55	44	44	36	51	41	44	51	49	54
BOX ELDER	233	28	20	23	15	20	17	18	16	17	17	18	24
CACHE	324	28	23	32	27	23	17	33	23	25	34	29	30
RICH	14	1	2	--	2	1	2	--	2	2	--	2	--
DISTRICT 2N	1,588	139	134	146	115	132	137	143	111	139	127	142	123
DAVIS	589	54	58	45	42	50	42	48	43	56	47	51	53
MORGAN	31	1	2	2	2	2	5	2	2	6	3	1	3
WEBER	968	84	74	99	71	80	90	93	66	77	77	90	67
DISTRICT 2S	3,783	293	280	389	340	328	300	288	324	306	290	310	335
SALT LAKE	3,656	282	270	373	329	323	296	275	309	294	279	301	325
TOOELE	127	11	10	16	11	5	4	13	15	12	11	9	10
DISTRICT 3	1,159	100	80	116	93	103	88	96	96	100	89	100	98
SUMMIT	56	7	8	6	5	5	5	1	3	3	5	5	3
UTAH	1,031	87	69	105	78	94	73	87	84	93	81	92	88
WASATCH	72	6	3	5	10	4	10	8	9	4	3	3	7
DISTRICT 4	419	48	23	32	37	32	40	28	30	31	35	38	45
JUAB	45	7	2	5	1	6	6	1	3	2	2	4	6
MILLARD	82	6	5	8	7	8	5	3	10	6	4	13	7
PIUTE	16	1	2	1	2	1	--	2	1	1	2	--	3
SANPETE	133	23	9	8	13	6	10	13	8	9	10	12	12
SEVIER	133	10	5	10	12	11	16	8	7	13	17	9	15
WAYNE	10	1	--	--	2	--	3	1	1	--	--	--	2
DISTRICT 5	378	31	31	40	31	33	27	32	29	17	45	31	31
BEAVER	39	4	6	3	3	2	2	5	4	3	3	2	2
GARFIELD	30	3	2	2	2	2	2	4	4	1	6	1	1
IRON	94	3	9	13	9	7	9	6	3	5	9	10	11
KANE	40	5	4	8	--	5	3	3	3	2	--	2	5
WASHINGTON	175	16	10	14	17	17	11	14	15	6	27	16	12
DISTRICT 6	240	19	14	21	23	19	21	24	17	21	15	23	23
DAGGETT	7	1	2	--	1	--	--	--	1	1	--	--	1
DUCHESNE	81	4	5	9	8	5	5	11	3	8	7	7	9
UINTAH	152	14	7	12	14	14	16	13	13	12	8	16	13
DISTRICT 7	364	32	29	28	26	35	27	32	36	32	26	32	29
CARBON	186	21	11	14	11	19	10	15	19	15	17	17	17
EMERY	67	4	11	4	6	8	5	6	7	7	2	4	3
GRAND	52	5	4	4	7	2	5	7	3	3	5	5	2
SAN JUAN	59	2	3	6	2	6	7	4	7	7	2	6	7

TABLE A-37

DEATHS BY RACE, SEX AND RESIDENCE: UTAH, 1982

RESIDENCE OF DECEDENT	TOTAL DEATHS	DEATHS BY RACE AND SEX														
		WHITE			BLACK			INDIAN			OTHER NUNWHITE			RACE NOT STATED		
		TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	8,502	8,305	4,482	3,823	58	33	25	78	47	31	58	36	22	3	2	1
DISTRICT 1	571	564	307	257	1	--	1	2	--	2	4	3	1	--	--	--
BOX ELDER	233	228	124	104	--	--	--	2	--	2	3	2	1	--	--	--
CACHE	324	322	171	151	1	--	1	--	--	--	1	1	--	--	--	--
RICH	14	14	12	2	--	--	--	--	--	--	--	--	--	--	--	--
DISTRICT 2N	1,588	1,540	814	726	31	14	17	--	--	--	16	7	9	1	1	--
DAVIS	589	581	309	272	4	4	--	--	--	--	4	2	2	--	--	--
MORGAN	31	30	13	17	--	--	--	--	--	--	--	--	--	1	1	--
WEBER	968	929	492	437	27	10	17	--	--	--	12	5	7	--	--	--
DISTRICT 2S	3,783	3,711	1,960	1,751	26	19	7	11	7	4	34	22	12	1	--	1
SALT LAKE	3,656	3,586	1,889	1,697	26	19	7	9	6	3	34	22	12	1	--	1
TOOELE	127	125	71	54	--	--	--	2	1	1	--	--	--	--	--	--
DISTRICT 3	1,159	1,155	625	530	--	--	--	2	2	--	2	2	--	--	--	--
SUMMIT	56	56	25	31	--	--	--	--	--	--	--	--	--	--	--	--
UTAH	1,031	1,027	556	471	--	--	--	2	2	--	2	2	--	--	--	--
WASATCH	72	72	44	28	--	--	--	--	--	--	--	--	--	--	--	--
DISTRICT 4	419	415	230	185	--	--	--	1	--	1	2	2	--	1	1	--
JUAB	45	45	22	23	--	--	--	--	--	--	--	--	--	--	--	--
MILLARD	82	79	56	23	--	--	--	1	--	1	2	2	--	--	--	--
PIUTE	16	16	8	8	--	--	--	--	--	--	--	--	--	--	--	--
SANPETE	133	133	69	64	--	--	--	--	--	--	--	--	--	--	--	--
SEVIER	133	132	69	63	--	--	--	--	--	--	--	--	--	1	1	--
WAYNE	10	10	6	4	--	--	--	--	--	--	--	--	--	--	--	--
DISTRICT 5	378	374	213	161	--	--	--	4	3	1	--	--	--	--	--	--
BEAVER	39	39	23	16	--	--	--	--	--	--	--	--	--	--	--	--
GARFIELD	30	30	17	13	--	--	--	--	--	--	--	--	--	--	--	--
IRON	94	93	48	45	--	--	--	1	1	--	--	--	--	--	--	--
KANE	40	40	25	15	--	--	--	--	--	--	--	--	--	--	--	--
WASHINGTON	175	172	100	72	--	--	--	3	2	1	--	--	--	--	--	--
DISTRICT 6	240	213	138	75	--	--	--	27	17	10	--	--	--	--	--	--
DAGGETT	7	7	2	5	--	--	--	--	--	--	--	--	--	--	--	--
DUCHESNE	81	78	49	29	--	--	--	3	2	1	--	--	--	--	--	--
UINTAH	152	128	87	41	--	--	--	24	15	9	--	--	--	--	--	--
DISTRICT 7	364	333	195	138	--	--	--	31	18	13	--	--	--	--	--	--
CARBON	186	186	104	82	--	--	--	--	--	--	--	--	--	--	--	--
EMERY	67	66	42	24	--	--	--	1	--	1	--	--	--	--	--	--
GRAND	52	52	37	15	--	--	--	--	--	--	--	--	--	--	--	--
SAN JUAN	59	29	12	17	--	--	--	30	18	12	--	--	--	--	--	--

TABLE A-38

DEATHS BY AGE, RACE AND SEX, RESIDENTS: UTAH, 1982

AGE OF DECEDENT	TOTAL DEATHS	RACE AND SEX							
		WHITE		BLACK		INDIAN		ALL OTHER	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
ALL AGES	8,502 ¹	4,484	3,824	33	25	47	31	36	22
UNDER 1 YEAR ²	457 ¹	250	186	4	3	6	4	3	1
UNDER 1 MONTH ²	282 ¹	158	117	3	--	--	1	3	--
UNDER 1 WEEK ²	241 ¹	140	96	2	--	--	1	2	--
UNDER 1 DAY ²	168 ¹	93	71	2	--	--	--	2	--
UNDER 1 HOUR	70	33	35	2	--	--	--	--	--
1-4	86	43	39	1	--	1	1	1	--
5-9	37	15	21	--	--	--	1	--	--
10-14	44	29	13	--	--	--	2	--	--
15-19	119	74	39	1	--	4	--	1	--
20-24	172	121	44	2	--	--	2	3	--
25-29	138	95	35	1	1	4	1	--	1
30-34	137	92	34	--	--	4	5	1	1
35-39	122	75	41	2	--	1	2	--	1
40-44	152	88	52	--	2	5	1	3	1
45-49	208	116	83	4	--	5	--	--	--
50-54	244	147	87	1	1	4	1	2	1
55-59	440	261	166	4	2	3	1	3	--
60-64	620	379	226	3	2	1	2	4	3
65-69	795	471	313	1	3	2	1	2	2
70-74	962	579	371	2	3	3	1	1	2
75-79	1130	612	508	--	2	2	2	4	--
80-84	1027	430	584	4	2	1	2	3	1
85-89	951	389	546	2	3	1	1	2	7
90-94	517	169	342	1	1	--	1	2	1
95-99	125	43	82	--	--	--	--	--	--
OVER 100	16	3	12	--	--	--	--	1	--
NOT STATED	3	3	--	--	--	--	--	0	--

¹TOTAL INCLUDES ONE WHITE DEATH, SEX UNKNOWN.²TOTALS INCLUDE YOUNGER RACE NOT STATED INCLUDED IN OTHER.

TABLE A-39

DEATHS BY AGE, SEX, AND RESIDENCE: UTAH, 1982

RESIDENCE OF DECEDENT	AGE GROUP AND SEX																				
	TOTAL		UNDER 1		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		
	TOTAL	MALE	FEMALE	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL	8,502	4,600	3,902	263	194	46	40	15	22	29	15	80	39	126	46	100	38	97	40	78	44
DISTRICT 1	571	310	261	27	16	2	5	2	2	2	1	3	1	7	4	7	1	4	2	2	2
BOX ELDER	233	126	107	9	7	2	2	2	--	2	1	1	1	3	3	--	1	1	1	2	2
CACHE	324	172	152	17	9	--	3	--	2	--	--	2	--	4	1	5	--	2	1	--	--
RICH	14	12	2	1	--	--	--	--	--	--	--	--	--	--	--	2	--	1	--	--	--
DISTRICT 2N	1,588	836	752	47	37	9	6	1	6	10	3	12	4	24	7	19	6	12	5	16	8
DAVIS	589	315	274	26	23	5	5	1	4	5	--	6	2	16	3	6	3	4	2	7	4
MORGAN	31	14	17	2	--	--	--	--	--	--	--	1	--	--	--	--	--	1	--	--	--
WEBER	968	507	461	19	14	4	1	--	2	5	3	5	2	8	4	13	3	7	3	9	4
DISTRICT 2S	3,783	2,008	1,775	110	69	20	17	8	7	7	7	35	20	52	17	34	19	49	18	29	22
SALT LAKE	3,656	1,936	1,720	107	67	20	17	8	7	7	5	33	19	51	16	33	19	47	18	28	22
TOOELE	127	72	55	3	2	--	--	--	--	--	2	2	1	1	1	1	--	2	--	1	--
DISTRICT 3	1,159	629	530	46	45	3	6	1	2	6	--	12	7	22	9	22	7	16	4	16	8
SUMMIT	56	25	31	--	4	1	--	1	--	--	--	--	1	1	1	1	--	2	--	--	--
UTAH	1,031	560	471	43	38	2	6	--	2	6	--	12	6	17	8	20	7	13	4	15	7
WASATCH	72	44	28	3	3	--	--	--	--	--	--	--	--	4	--	1	--	1	--	1	1
DISTRICT 4	419	233	186	5	9	3	3	2	2	1	--	3	--	6	2	4	--	1	1	1	--
JUAB	45	22	23	1	--	--	--	--	--	1	--	--	--	--	--	1	--	--	--	--	--
MILLARD	82	58	24	1	2	--	--	--	1	--	--	--	--	--	--	1	--	--	--	--	--
PIUTE	16	8	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SANPETE	133	69	64	--	4	3	1	2	--	--	--	--	--	1	--	1	--	--	--	1	--
SEVIER	133	70	63	2	3	--	2	--	1	--	--	3	--	3	2	1	--	1	1	--	--
WAYNE	10	6	4	1	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--
DISTRICT 5	378	216	162	5	8	1	2	--	--	--	--	4	3	3	1	2	--	3	1	1	2
BEAVER	39	23	16	1	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	1	--
GARFIELD	30	17	13	--	1	--	--	--	--	--	--	1	--	1	--	--	--	1	--	--	--
IRON	94	49	45	4	3	--	1	--	--	--	--	1	--	1	--	--	--	--	--	--	1
KANE	40	25	15	--	--	--	--	--	--	--	--	--	2	1	--	1	--	--	--	--	--
WASHINGTON	175	102	73	--	4	1	1	--	--	--	--	2	1	--	--	1	--	--	--	--	--
DISTRICT 6	240	155	85	9	7	1	--	1	1	2	1	5	1	6	3	6	3	5	2	4	1
DAGGETT	7	2	5	--	1	--	--	--	--	--	--	--	1	1	--	--	--	1	--	--	--
DUCHESNE	81	51	30	4	1	1	--	--	--	--	--	3	--	2	1	1	--	1	1	2	--
UINTAH	152	102	50	5	5	--	--	1	1	2	1	2	--	3	2	5	3	3	1	2	1
DISTRICT 7	364	213	151	14	3	7	1	--	2	1	3	6	3	6	3	6	2	7	7	9	1
CARBON	186	104	82	6	--	2	--	--	1	--	--	--	1	5	2	2	2	4	2	4	--
EMERY	67	42	25	5	1	2	--	--	--	--	--	1	2	1	1	2	--	1	3	3	--
GRAND	52	37	15	1	1	1	--	--	1	1	--	--	--	--	--	1	--	1	--	2	--
SAN JUAN	59	30	29	2	1	2	1	--	--	--	3	5	--	--	--	1	--	1	2	--	1

TABLE A-39--Continued

DEATHS BY AGE, SEX, AND RESIDENCE: UTAH, 1982

AGE GROUP AND SEX																							
RESIDENCE OF DECEDENT	40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80-84		85+		NOT STATED		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
TOTAL	96	56	125	83	154	90	271	169	387	233	476	319	585	377	618	512	438	589	613	996	3	--	
DISTRICT 1	2	2	2	4	7	2	22	7	18	7	25	21	41	29	43	40	45	42	49	73	--	--	
BOX ELDER	1	2	1	1	3	--	14	2	7	3	8	8	16	15	19	11	19	17	16	30	--	--	
CACHE	1	--	1	3	4	2	7	5	10	4	13	12	25	14	24	28	24	25	33	43	--	--	
RICH	--	--	--	--	--	--	1	--	1	--	4	1	--	--	--	1	2	--	--	--	--	--	
DISTRICT 2N	12	12	28	23	27	17	49	32	77	44	92	53	123	85	97	111	63	107	117	186	1	--	
DAVIS	3	7	11	9	9	8	21	11	29	16	37	14	32	27	36	42	23	38	38	56	--	--	
MORGAN	--	--	--	2	--	1	--	--	1	1	1	--	4	1	2	5	1	3	--	4	1	--	
WEBER	9	5	17	12	18	8	28	21	47	27	54	39	87	57	59	64	39	66	79	126	--	--	
DISTRICT 2S	52	29	60	39	75	42	139	86	167	116	209	159	245	141	272	226	189	264	254	477	2	--	
SALT LAKE	48	28	59	39	71	40	132	83	160	112	203	153	240	137	258	218	181	253	248	467	2	--	
TOOELE	4	1	1	--	4	2	7	3	7	4	6	6	5	4	14	8	8	11	6	10	--	--	
DISTRICT 3	8	6	13	8	21	15	20	26	45	27	70	37	82	57	93	60	57	86	76	120	--	--	
SUMMIT	1	--	1	1	1	1	--	1	2	1	1	2	5	2	6	5	1	4	1	8	--	--	
UTAH	5	5	12	6	18	11	20	23	41	23	64	29	70	54	79	53	52	79	71	110	--	--	
WASATCH	2	1	--	1	2	3	--	2	2	3	5	6	7	1	8	2	4	3	4	2	--	--	
DISTRICT 4	5	--	6	2	3	4	13	3	20	15	27	9	34	26	25	21	29	36	45	53	--	--	
JUAB	--	--	1	--	1	--	--	1	1	4	2	--	5	7	4	6	1	1	4	4	--	--	
MILLARD	2	--	2	1	--	--	2	--	4	1	7	1	8	1	9	3	9	8	12	6	--	--	
PIUTE	--	--	--	--	--	1	1	--	--	2	2	--	2	--	2	1	--	1	1	3	--	--	
SANPETE	2	--	2	--	1	1	6	1	6	6	6	3	9	7	5	3	11	14	13	24	--	--	
SEVIER	1	--	1	1	1	2	3	1	8	2	10	5	10	9	5	6	8	12	13	16	--	--	
WAYNE	--	--	--	--	--	--	1	--	1	--	--	--	--	2	--	2	--	--	2	--	--	--	
DISTRICT 5	5	2	7	2	8	1	9	6	27	11	18	15	26	18	43	20	27	26	27	44	--	--	
BEAVER	--	--	1	--	--	--	3	--	1	3	4	--	3	2	3	1	3	4	3	5	--	--	
GARFIELD	3	--	1	--	--	--	--	1	3	--	1	2	1	2	1	1	2	3	2	3	--	--	
IRON	1	--	1	2	2	--	2	3	6	4	3	8	5	4	12	6	6	4	5	9	--	--	
KANE	1	--	1	--	1	--	2	--	3	1	2	1	6	1	4	2	2	2	1	6	--	--	
WASHINGTON	--	2	3	--	5	1	2	2	14	3	8	4	11	9	23	10	14	13	16	21	--	--	
DISTRICT 6	9	1	7	4	5	5	7	1	20	2	15	12	8	5	18	13	12	5	15	18	--	--	
DAGGETT	--	--	--	--	--	1	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	--	
DUCHESNE	3	1	2	3	--	1	2	--	10	--	4	2	2	2	5	7	4	3	5	8	--	--	
UINTAH	6	--	5	1	5	3	5	1	10	1	11	10	6	3	13	6	8	2	10	9	--	--	
DISTRICT 7	3	4	2	1	8	4	12	8	13	11	20	13	26	16	27	21	16	23	30	25	--	--	
CARBON	2	1	--	1	2	2	7	3	9	6	11	8	16	10	11	11	8	16	15	16	--	--	
EMERY	--	--	--	--	--	--	1	2	1	--	4	2	6	2	5	5	2	2	8	5	--	--	
GRAND	1	--	2	--	2	1	2	1	3	2	2	3	3	3	7	1	4	1	4	1	--	--	
SAN JUAN	--	3	--	--	4	1	2	2	--	3	3	--	1	1	4	4	2	4	3	3	--	--	

TABLE A-40

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE: UTAH, 1982

CAUSE OF DEATH NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASE	COUNTY OF RESIDENCE																																			
	B U X			C A G			D U C			G A R			M I M			S A L			S A S			S S S			T U I			W A S			W A S					
	T E E	C A C	D U D	G A G	D U D	G A G	M I M	S A L	S A S	S S S	T U I	W A S	W A S	W A S	T E E	C A C	D U D	G A G	D U D	G A G	M I M	S A L	S A S	S S S	T U I	W A S	W A S	W A S	T E E	C A C	D U D	G A G	D U D	G A G		
	O A L	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	A R G	
ALL CAUSES	8,502	39	233	324	186	7	589	81	67	30	52	94	45	40	82	31	16	14	3,656	59	133	133	56	127	152	1,031	72	175	10	968						
INFECTIOUS AND PARASITIC DISEASES (001-139)	79	--	1	2	1	--	6	--	--	--	--	1	1	--	3	2	--	--	35	2	1	--	1	--	3	8	--	--	--	12						
TUBERCULOSIS (010-018)	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
REMAINDER OF 001-139	76	--	1	2	1	--	6	--	--	--	--	1	1	--	3	2	--	--	33	1	1	--	1	--	3	8	--	--	--	12						
MALIGNANT NEOPLASMS (140-208)	1,460	7	37	50	33	1	103	14	8	3	12	21	2	7	16	2	4	2	674	8	23	23	11	24	14	147	12	26	2	174						
MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX (140-149)	19	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	14	--	--	--	--	--	--	2	--	--	--	2						
MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM (150-159)	365	1	11	19	8	--	24	2	--	--	--	6	1	--	3	1	--	--	157	3	9	8	4	8	1	33	3	9	--	54						
MALIGNANT NEOPLASM OF RESPIRATORY AND INTRA-THORACIC ORGANS (160-165)	234	2	4	4	3	--	14	2	2	--	4	3	--	3	3	1	4	--	116	2	2	2	1	5	5	20	--	2	--	30						
MALIGNANT NEOPLASM OF ALL OTHER AND UNSPECIFIED SITES (170-173, 190-199)	230	2	6	6	8	--	15	3	1	2	--	6	1	--	1	--	--	--	104	3	6	1	--	1	3	27	2	6	1	25						
MALIGNANT NEOPLASM OF BREAST (174-175)	139	--	2	3	3	1	6	1	3	1	2	2	--	1	--	--	--	--	78	--	--	3	--	2	2	13	1	1	--	14						
MALIGNANT NEOPLASM OF GENITOURINARY ORGANS (179-187)	228	1	6	11	4	--	13	2	2	--	4	2	--	2	5	--	--	--	104	--	3	3	4	2	1	28	3	3	--	25						
MALIGNANT NEOPLASM OF BLADDER AND KIDNEY (188-189)	57	1	1	3	1	--	5	--	--	--	1	--	--	--	1	--	--	1	26	--	1	2	1	1	--	4	--	1	1	6						
MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATOPOIETIC TISSUE (EXCLUDING LEUKEMIA) (200-203)	107	--	4	2	4	--	14	2	--	--	--	1	--	1	1	--	--	--	42	--	1	2	--	3	1	14	3	3	--	9						
LEUKEMIA (204-208)	81	--	3	2	2	--	12	2	--	--	--	1	--	--	2	--	--	1	33	--	1	2	1	2	1	6	--	1	--	9						
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASMS OF UNCERTAIN AND UNSPECIFIED BEHAVIOR (210-239)	35	--	3	3	--	--	1	--	--	--	--	--	--	--	1	--	--	--	11	--	1	1	--	1	1	6	--	1	--	5						
DIABETES MELLITUS (250)	184	--	3	10	3	--	5	1	2	2	--	1	--	--	2	--	--	--	77	1	3	7	1	3	5	33	2	3	1	19						
ANAEMIA (280-285)	13	--	--	1	1	--	1	--	--	--	1	--	--	--	--	--	--	--	6	--	--	--	--	1	1	--	--	--	--	1						
MENINGITIS (320-322)	11	--	1	1	--	--	2	--	--	--	--	--	--	--	--	--	--	--	3	2	--	--	1	--	--	--	--	--	--	1						
MAJOR CARDIOVASCULAR DISEASES (390-448)	3,798	18	103	146	85	1	249	33	23	17	17	45	27	22	34	11	9	7	1,631	14	65	63	21	56	56	457	27	92	4	465						
RHEUMATIC FEVER (390-398)	72	--	--	3	2	--	7	1	1	--	1	--	3	1	--	1	--	--	35	--	1	--	--	1	1	8	1	1	--	4						
ESSENTIAL HYPERTENSION AND HYPERTENSIVE RENAL DISEASE (401, 403)	29	--	--	3	1	--	--	--	--	--	--	1	--	--	--	--	--	--	13	--	--	2	--	--	--	5	--	--	--	4						
HYPERTENSIVE HEART DISEASE WITH AND WITHOUT RENAL DISEASE (402, 404)	118	--	4	3	1	--	6	1	--	--	1	--	--	--	1	--	--	--	72	--	5	5	--	--	--	8	1	1	--	9						
ISCHAEMIC HEART DISEASE (410-414)	1,833	11	64	72	42	--	147	14	7	10	8	17	12	11	14	8	2	3	727	6	33	25	9	42	25	200	16	57	2	249						
ALL OTHER FORMS OF HEART DISEASE (415-423, 425-429)	898	3	19	20	20	--	43	14	10	3	4	17	10	2	8	--	3	3	444	5	17	18	4	5	17	116	2	12	1	78						
OTHER DISEASES OF ENDOCARDIUM (424)	33	--	2	1	1	--	2	--	1	--	--	--	--	--	1	--	--	--	13	--	1	--	1	--	1	6	1	--	--	2						
CEREBROVASCULAR DISEASE (430-438)	652	4	7	39	15	1	32	1	4	4	2	9	2	7	9	1	3	1	265	1	6	12	3	8	9	91	3	12	1	100						
ATHEROSCLEROSIS (440)	81	--	4	2	1	--	4	--	--	--	--	1	--	--	1	--	--	--	30	1	--	1	2	--	2	14	1	5	--	12						
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES (441-448)	82	--	3	3	2	--	8	2	--	--	1	--	--	1	1	--	1	--	32	1	2	--	2	--	1	9	2	4	--	7						
ACUTE BRONCHITIS AND BRONCHIOLITIS (466)	3	--	--	1	--	--	1	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

TABLE A-40--Continued

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE: UTAH, 1982

CAUSE OF DEATH NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASE	COUNTY OF RESIDENCE																													
	B O X			D A G			U C H			G A R			M I M			S A S			W A S			W A S			W A S					
	T E E	C A G	D H E	F G I	J K L	R I R	L J P	V M O	N T	U A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S		
	O A L	A R G	A E M	I R I	J K L	R I R	L J P	V M O	N T	U A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S	W A S		
A E E	H O T	I S R	L N U	A N R	A T C	K A T	E I L	A H	A C T	H H	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R		
L R H	E N T	S E Y	D N B	E D N	E H	E N	E R T	E H	H H	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R	N E R		
PNEUMONIA AND INFLUENZA (480-487)	232	2	10	9	4	--	15	--	2	--	5	2	2	2	5	2	--	--	87	5	2	5	2	1	6	39	--	4	--	21
PNEUMONIA (480-486)	222	2	10	9	4	--	15	--	2	--	5	2	2	2	5	2	--	--	82	5	2	5	2	--	6	35	--	4	--	21
INFLUENZA (487)	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5	--	--	--	--	1	--	4	--	--	--	--
BRONCHITIS, EMPHYSEMA, AND ASTHMA (490-493)	90	1	2	2	1	--	7	3	2	--	1	3	--	--	--	--	--	--	37	--	1	1	--	3	--	12	--	3	--	11
BRONCHITIS (490-491)	27	--	1	1	--	--	1	1	1	--	--	1	--	--	--	--	--	--	15	--	1	--	--	--	--	2	--	1	--	2
EMPHYSEMA (492)	46	1	--	--	--	--	4	2	--	--	1	2	--	--	--	--	--	--	18	--	--	--	--	2	--	7	--	1	--	8
ASTHMA (493)	17	--	1	1	1	--	2	--	1	--	--	--	--	--	--	--	--	--	4	--	--	1	--	1	--	3	--	1	--	1
ULCER OF STOMACH AND DUODENUM (531-533)	32	--	--	--	3	--	--	--	--	--	--	--	--	1	1	--	--	--	18	--	--	--	1	1	--	2	--	2	--	3
HERNIA OF ABDOMINAL CAVITY AND INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA (550-553, 560)	24	--	1	3	--	--	1	--	--	--	--	--	--	1	--	--	--	--	9	--	1	--	1	--	1	3	--	1	--	2
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	110	--	1	5	3	1	11	4	--	1	--	--	--	1	--	--	--	--	45	--	--	1	2	2	7	13	1	1	--	11
CHOLELITHIASIS AND OTHER DISORDER OF GALL- BLADDER (574-575)	20	--	--	1	--	--	--	1	--	--	--	--	--	1	--	1	--	--	11	--	--	1	--	--	--	--	--	--	--	4
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (580-589)	72	--	5	3	1	--	5	1	--	--	1	1	2	--	1	2	--	--	29	2	--	--	--	1	1	6	2	2	--	7
INFECTIONS OF KIDNEY (590)	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	--	2	--	--	1	--	1	--	--	--	2
HYPERPLASIA OF PROSTATE (600)	5	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3	--	--	--	--	--	--	--	--	--	--	1
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM (630-676)	5	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	2	--	--	--	--	--	--	--	--	--	--	2
CONGENITAL ANOMALIES (740-759)	169	--	6	4	1	1	16	2	3	--	1	1	--	--	1	--	--	--	59	2	2	1	1	1	5	36	2	1	--	23
CERTAIN CONDITIONS ORIGINATING IN THE PERI- NATAL PERIOD (760-779)	206	--	5	15	3	--	28	3	3	1	--	4	1	--	3	1	--	1	81	1	1	3	2	1	2	28	4	3	--	12
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	166	2	6	7	2	--	10	2	1	--	1	1	--	--	1	2	--	--	65	1	5	3	1	5	3	29	--	3	1	15
ACCIDENTS (E800-E949)	598	3	21	21	24	2	42	8	9	2	7	6	4	5	7	1	1	2	207	11	13	11	6	6	21	91	6	11	1	49
MOTOR VEHICLE ACCIDENTS (E810-E825)	325	2	10	11	16	2	24	7	6	1	4	2	2	2	4	1	--	2	113	4	5	8	2	5	10	49	3	6	--	24
ALL OTHER ACCIDENTS (E800-E809-E826-E949)	273	1	11	10	8	--	18	1	3	1	3	4	2	3	3	--	1	--	94	7	8	3	4	1	11	42	3	5	1	25
SUICIDE AND SELF-INFLECTED INJURY (E950-E959)	203	--	2	7	4	--	17	2	2	2	1	2	--	--	--	1	--	1	97	2	1	3	1	5	7	20	3	1	--	22
HOMICIDE AND DEATH BY LEGAL INTERVENTION (E960-E978)	62	--	3	--	1	1	5	--	--	--	--	--	--	--	--	1	--	--	36	--	--	1	--	--	2	1	1	--	--	10
INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLECTED AND INJURY RESULTING FROM OPERATIONS OF WAR (E989)	47	--	--	2	--	--	--	--	--	--	--	1	--	--	1	--	--	--	27	2	--	--	--	1	1	7	2	--	--	3

TABLE A-41

DEATHS BY SELECTED CAUSE AND AGE, RESIDENTS: UTAH, 1982

ICDA CODE 9TH REVISION	CAUSE OF DEATH	NUMBER	RATE	UNDER 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 & OVER
	ALL CAUSES	8,302	343.0	457	86	81	291	273	274	452	1,060	1,737	3,766
001-136	INFECTIONS AND PARASITIC DISEASES	79	3.1	3	--	1	--	2	5	8	7	14	39
140-208	MALIGNANT NEOPLASMS	1,460	93.6	1	3	14	16	30	57	127	309	402	501
140-149	MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY, AND PHARYNX	19	1.2	--	--	1	--	--	--	1	4	8	5
150-159	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	365	23.4	--	--	--	2	2	11	25	80	106	139
160-165	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS	234	15.0	--	--	--	--	3	6	22	63	81	59
174-175	MALIGNANT NEOPLASMS OF BREAST	139	8.9	--	--	--	--	3	11	25	40	30	30
179-187	MALIGNANT NEOPLASMS OF GENITAL ORGANS	228	14.6	--	--	--	--	7	5	8	35	58	115
188-189	MALIGNANT NEOPLASMS OF URINARY ORGANS	57	3.7	--	--	1	--	--	3	5	11	17	20
190-199	MALIGNANT NEOPLASMS AND ALL OTHER UNSPECIFIED SITES	230	14.7	1	3	6	7	8	11	24	45	59	66
200-203	OTHER MALIGNANT NEOPLASMS OF LYMPHA- TIC AND HAEMATOPOIETIC TISSUES	107	6.9	--	--	1	4	5	6	13	20	27	31
204-208	LEUKEMIA	81	5.2	--	--	5	3	2	4	4	11	16	36
210-239	BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	35	2.2	--	--	2	2	--	1	1	3	7	19
250	DIABETES MELLITIS	184	11.8	--	--	1	1	4	14	9	18	45	92
280-285	ANEMIA	13	0.8	--	--	--	--	1	1	--	--	1	10
320-322	MENINGITIS	11	0.7	4	4	1	--	--	--	--	1	1	--
390-448	MAJOR CARDIOVASCULAR DISEASES	3,798	243.5	1	3	5	6	16	37	163	444	909	2,214
390-398	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	72	4.6	--	--	--	--	2	1	5	13	29	22
401, 403	HYPERTENSION WITH OR WITHOUT RENAL DISEASE	29	1.9	--	--	--	--	--	--	1	3	8	17
402, 404	HYPERTENSIVE HEART DISEASE AND HYPER- TENSIVE HEART AND RENAL DISEASE	118	7.6	--	--	--	--	--	1	6	21	20	70
410-414	ISCHAEMIC HEART DISEASE	1,833	117.5	--	--	--	--	3	25	83	246	479	997
415-423, 425-429	OTHER FORMS OF HEART DISEASE	898	57.6	1	2	3	6	6	8	45	99	201	527
424	OTHER DISEASES OF ENDOCARDIUM	33	2.1	--	--	--	--	2	--	1	7	7	16
430-436	CEREBROVASCULAR DISEASES	652	41.8	--	--	1	--	3	2	18	43	133	452
440	ATHEROSCLEROSIS	81	5.2	--	--	--	--	--	--	--	4	7	70
441-448	OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	82	5.3	--	1	1	--	--	--	4	8	25	43
480-487	PNEUMONIA AND INFLUENZA	232	14.9	2	7	1	2	2	6	3	10	28	171
480-486	PNEUMONIA	222	14.2	2	7	1	2	2	5	2	10	26	165
487	INFLUENZA	10	0.6	--	--	--	--	--	1	1	--	2	6
490-493	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS	90	5.8	3	1	--	1	2	--	2	17	25	39
490-491	BRONCHITIS, CHRONIC AND UNSPECIFIED	27	1.7	3	1	--	--	1	--	1	3	8	10
492	EMPHYSEMA	46	2.9	--	--	--	--	--	--	--	10	14	22
493	ASTHMA	17	1.1	--	--	--	1	1	--	1	4	3	7
531-533	ULCER OF STOMACH AND DUODENUM	32	2.1	--	--	--	--	--	1	4	4	7	16
550-560	HERNIA OF ABDOMINAL CAVITY AND INTES- TINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	24	1.5	--	--	--	--	--	--	--	1	2	21
571	CHRONIC LIVER DISEASE AND CIRRHOSIS	110	7.1	--	--	--	--	7	13	20	32	23	15
574-575	CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	20	1.3	--	--	--	--	1	--	--	3	5	11
580-589	NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	72	4.6	--	--	--	1	1	1	2	7	16	44
630-676	COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	5	--	--	--	--	--	5	--	--	--	--	--
740-759	CONGENITAL ANOMALIES	169	10.8	125	16	4	5	5	4	2	2	3	3
760-779	CERTAIN CONDITIONS ORIGINATING IN THE PRENATAL PERIOD	206	13.2	206	--	--	--	--	--	--	--	--	--
780-799	SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	166	10.6	87	3	--	3	3	4	2	1	9	54
E800-E949	ACCIDENTS AND ADVERSE EFFECTS	598	36.3	10	30	36	163	90	65	38	47	39	80
E810-E825	MOTOR VEHICLE ACCIDENTS	325	20.8	3	13	19	124	58	36	23	19	19	11
E826-E949	OTHER ACCIDENTS AND ADVERSE EFFECTS	273	17.5	7	17	17	39	32	29	15	28	20	69
E950-E959	SUICIDE	203	13.0	--	--	1	43	59	27	22	28	14	9
E960-E978	HOMICIDE AND LEGAL INTERVENTION	62	4.0	6	7	1	20	13	5	3	3	1	1
E980-E999	ALL OTHER EXTERNAL CAUSES	47	3.0	3	--	2	9	14	9	3	5	1	--
	RESIDUAL	886	--	6	12	12	19	20	24	43	118	205	427

NOTES: RATES ARE PER 100,000 POPULATION. THREE "AGE NOT STATED" ARE INCLUDED IN TOTALS BUT NOT DISTRIBUTED: ONE IS IN ALL OTHER EXTERNAL CAUSES AND TWO ARE IN HOMICIDE AND LEGAL INTERVENTION.

TABLE A-42

DEATHS BY PLACE WHERE DEATH OCCURRED IN COUNTY OF OCCURRENCE: UTAH, 1982

COUNTY OF OCCURRENCE	TOTAL DEATHS	HOSPITAL	HOME	ENROUTE	NURSING HOME	CLINIC OFFICE	OTHER LOCATION	NOT STATED
TOTAL	8,860	4,724	1,993	457	1,395	17	273	1
DISTRICT 1								
BOX ELDER	216	69	74	15	48	--	10	--
CACHE	299	137	87	27	42	--	6	--
RICH	7	--	5	--	--	--	2	--
DISTRICT 2N								
DAVIS	486	191	138	19	125	5	8	--
MORGAN	14	--	9	--	--	--	5	--
WEBER	1,060	592	211	45	198	1	13	--
DISTRICT 2S								
SALT LAKE	4,312	2,548	913	122	676	3	49	1
TOOELE	108	39	16	24	16	2	11	--
DISTRICT 3								
SUMMIT	36	1	20	2	--	1	12	--
UTAH	1,056	592	227	56	162	--	19	--
WASATCH	73	35	10	13	6	--	9	--
DISTRICT 4								
JUAB	30	9	10	3	5	--	3	--
MILLARD	70	35	19	4	--	--	12	--
PIUTE	5	--	2	--	--	--	3	--
SANPETE	79	34	35	3	2	--	5	--
SEVIER	117	40	26	9	28	--	14	--
WAYNE	6	--	4	--	--	--	2	--
DISTRICT 5								
BEAVER	37	26	5	4	--	--	2	--
GARFIELD	33	17	6	4	--	1	5	--
IRON	104	43	32	13	10	--	6	--
KANE	46	21	8	10	1	--	6	--
WASHINGTON	186	86	36	17	34	1	12	--
DISTRICT 6								
DAGGETT	4	--	1	--	--	--	3	--
DUCHESNE	83	23	23	12	16	--	9	--
UINTAH	89	38	32	10	--	--	9	--
DISTRICT 7								
CARBON	171	99	20	32	12	--	8	--
EMERY	32	--	14	1	11	2	4	--
GRAND	50	26	7	6	--	--	11	--
SAN JUAN	51	23	3	6	3	1	15	--

TABLE A-43

VIOLENT DEATHS BY AGE, SEX AND CAUSE, RESIDENTS: UTAH, 1982

AGE AND SEX OF DECEDENT	TOTAL DEATHS	ACCIDENT E800-E949	ALCOHOL 291, 303 571.0-571.3	SUICIDE E950-E959	HOMICIDE E960-E979	UNDETERMINED IF INJURY WAS INFLICTED ACCIDENTALLY OR PURPOSELY E980-E989
TOTAL	951	598	41	62	203	47
UNDER 15	99	76	--	16	1	6
MALE	58	46	--	6	1	5
FEMALE	41	30	--	10	--	1
15-19	98	72	--	8	15	3
MALE	69	49	--	6	11	3
FEMALE	29	23	--	2	4	--
20-24	137	91	--	12	28	6
MALE	103	66	--	8	24	5
FEMALE	34	25	--	4	4	1
25-34	181	90	5	13	59	14
MALE	153	74	4	11	53	11
FEMALE	28	16	1	2	6	3
35-44	116	65	10	5	27	9
MALE	87	49	6	5	21	6
FEMALE	29	16	4	--	6	3
45-54	77	38	11	3	22	3
MALE	52	26	7	3	13	3
FEMALE	25	12	4	--	9	--
55-64	92	47	9	3	28	5
MALE	72	34	8	2	25	3
FEMALE	20	13	1	1	3	2
65-74	61	39	6	1	14	1
MALE	36	20	5	--	11	--
FEMALE	25	19	1	1	3	1
75-84	43	33	--	1	9	--
MALE	25	17	--	--	8	--
FEMALE	18	16	--	1	1	--
85+	47	47	--	--	--	--
MALE	18	18	--	--	--	--
FEMALE	29	29	--	--	--	--

TABLE A-44

VIOLENT DEATHS BY RESIDENCE AND CAUSE: UTAH, 1982

COUNTY AND DISTRICT OF RESIDENCE	TOTAL DEATHS	ACCIDENT E800-E949	ALCOHOL 291, 303 571.0-571.3	SUICIDE E950-E959	HOMICIDE E960-E979	UNDETERMINED IF INJURY WAS INFLICTED ACCIDENTALLY OR PURPOSELY E980-E989
TOTAL	951	598	41	203	62	47
DISTRICT 1	62	44	3	10	3	2
BOX ELDER	27	21	1	2	3	--
CACHE	32	21	2	7	--	2
RICH	3	2	--	1	--	--
DISTRICT 2N	158	92	7	40	16	3
DAVIS	67	42	3	17	5	--
MORGAN	3	1	--	1	1	--
WEBER	88	49	4	22	10	3
DISTRICT 2S	392	213	13	102	36	28
SALT LAKE	379	207	12	97	36	27
TOOELE	13	6	1	5	--	1
DISTRICT 3	144	103	6	24	2	9
SUMMIT	8	6	1	1	--	--
UTAH	124	91	5	20	1	7
WASATCH	12	6	--	3	1	2
DISTRICT 4	45	37	2	4	1	1
JUAB	4	4	--	--	--	--
MILLARD	9	7	1	--	--	1
PIUTE	1	1	--	--	--	--
SANPETE	14	13	--	1	--	--
SEVIER	16	11	1	3	1	--
WAYNE	1	1	--	--	--	--
DISTRICT 5	35	27	2	5	--	1
BEAVER	4	3	1	--	--	--
GARFIELD	5	2	1	2	--	--
IRON	9	6	--	2	--	1
KANE	5	5	--	--	--	--
WASHINGTON	12	11	--	1	--	--
DISTRICT 6	51	31	7	9	3	1
DAGGETT	4	2	1	--	1	--
DUCHESNE	12	8	2	2	--	--
UINTAH	35	21	4	7	2	1
DISTRICT 7	64	51	1	9	1	2
CARBON	29	24	--	4	1	--
EMERY	11	9	--	2	--	--
GRAND	8	7	--	1	--	--
SAN JUAN	16	11	1	2	--	2

TABLE A-45

VIOLENT DEATHS BY RACE, SEX AND CAUSE, RESIDENTS: UTAH, 1982

RACE AND SEX	TOTAL DEATHS	ACCIDENT E800-E949	ALCOHOLISM 291, 303 571.0-571.3	SUICIDE E950-E959	HOMICIDE E960-E979	UNDETERMINED IF INJURY WAS INFLICTED ACCIDENTALLY OR PURPOSELY
						E980-E989
TOTAL	951	598	41	203	62	47
WHITE	908	579	34	198	54	43
MALE	642	387	25	163	35	32
FEMALE	266	192	9	35	19	11
BLACK	6	2	1	--	3	--
MALE	5	2	1	--	2	--
FEMALE	1	--	--	--	1	--
INDIAN	26	12	6	3	1	4
MALE	17	7	4	2	--	4
FEMALE	9	5	2	1	1	--
OTHER NONWHITE	10	5	--	2	3	--
MALE	8	3	--	2	3	--
FEMALE	2	2	--	--	--	--
NOT STATED	1	--	--	--	1	--
MALE	1	--	--	--	1	--
FEMALE	--	--	--	--	--	--

TABLE A-46

ACCIDENTAL DEATH OCCURRENCES BY MONTH AND TYPE OF ACCIDENT: UTAH, 1982

TYPE OF ACCIDENT	TOTAL DEATHS	MONTH OF DEATH												NOT STATED
		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	
TOTAL	631	33	32	50	34	58	52	72	56	54	33	39	35	83
RAILWAY (E800-E807)	3	--	--	1	--	1	--	--	--	--	--	--	--	1
MOTOR VEHICLE (E810-E825)	331	19	20	29	20	31	33	47	38	41	14	19	19	1
WATER TRANSPORT (E830-E838)	14	--	--	--	--	5	1	--	1	--	3	2	--	2
AIR AND SPACE TRANSPORT (E840-E845)	24	3	--	3	--	6	--	--	1	3	1	5	--	2
POISONING (E850-E869)	16	3	--	--	--	--	1	--	1	--	--	--	--	11
OTHER AND UNSPECIFIED MISADVENTURES DURING MEDICAL CARE (E870-E876)	2	--	--	--	--	--	--	--	--	1	1	--	--	--
FALLS (E880-E888)	75	3	4	4	6	5	5	6	2	3	5	7	8	17
FIRE AND FLAMES (E890-E899)	13	2	1	1	1	--	1	--	1	1	--	--	2	3
NATURE AND ENVIRONMENT (E900-E909)	9	1	--	1	1	--	--	--	--	--	1	--	--	5
DROWNING AND SUBMERSION (E910)	35	1	--	1	1	7	5	12	2	3	--	1	--	2
INHALATION AND INGESTION OF FOOD CAUSING OBSTRUC- TION OR SUFFOCATION (E911)	13	--	--	--	1	--	--	2	1	--	--	--	1	8
INHALATION AND INGESTION OF OTHER OBJECT CAUSING OBSTRUCTION OR SUFFOCA- TION (E912)	1	--	--	--	--	--	--	--	--	--	--	1	--	--
MECHANICAL SUFFOCATION (E913)	9	--	4	2	--	--	1	1	--	--	--	--	1	--
HIT BY OBJECT (E916-E918)	17	--	2	--	1	--	3	2	3	--	5	--	1	--
MACHINERY (E919)	4	--	--	--	--	1	--	--	1	--	--	1	1	--
FIREARM MISSILES (E922)	12	--	--	3	1	1	1	--	1	--	2	1	1	1
EXPLOSIVE MATERIALS (E923)	2	--	--	--	--	--	--	1	--	--	--	--	--	1
ELECTRIC CURRENT (E925)	5	--	--	1	--	1	--	--	2	1	--	--	--	--
LATE EFFECTS OF ACCIDENTAL INJURY (E929)	9	--	1	--	1	--	--	--	--	--	1	2	1	3
OTHER	37	1	--	4	1	--	1	1	2	1	--	--	--	26

TABLE A-47

ACCIDENTAL DEATH OCCURANCES BY AGE, SEX AND TYPE OF ACCIDENT: UTAH, 1982

TYPE OF ACCIDENT

AGE AND SEX OF DECEDENT	TOTAL DEATHS	RAIL- WAY E800 E807	MOTOR VEHI- CLE E810 E825	WATER TRANS. E830 E838	AIR & SPACE TRANS. E840 E845	POI- SON E850 E869	SURG. MEDI- CAL E870 E876	FALL E880 E888	FIRE E890 E899	NATURE & ENVI- RONMEN- TAL E900 E909	DROW- NING E910	INHAL- ATION OF FOOD E911	INHAL- ATION OTHER OBJECT E912	MECH- ANICAL SUFFU- CATION E913	HIT BY OBJECT E916 E918	MA- CHIN- ERY E919	QUNS E922	EXPLO- SIVES E923	ELEC- TRIC CURR- ENT E925	LATE EFFECTS E929	OTHER
TOTAL	631	3	331	14	24	16	2	75	13	9	35	13	1	9	17	12	2	5	4	9	37
UNDER 15	82	--	38	--	2	2	1	2	2	--	15	2	--	6	2	5	--	--	--	1	4
MALE	50	--	20	--	1	2	1	1	1	--	11	1	--	3	2	4	--	--	--	1	2
FEMALE	32	--	18	--	1	--	--	1	1	--	4	1	--	3	--	1	--	--	--	--	2
15-19	71	--	53	4	3	2	--	1	--	1	2	--	--	2	1	1	--	1	--	--	--
MALE	49	--	35	4	1	1	--	1	--	1	2	--	--	2	1	1	--	--	--	--	--
FEMALE	22	--	18	--	2	1	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--
20-24	87	--	59	4	2	1	1	2	--	--	7	1	--	--	3	2	--	2	--	1	2
MALE	67	--	44	2	--	1	1	2	--	--	7	1	--	--	3	2	--	2	--	1	2
FEMALE	20	--	15	2	2	--	--	--	--	--	--	--	--	--	3	2	--	2	--	--	2
25-34	110	--	69	4	5	3	--	5	3	1	4	--	--	1	5	3	--	--	1	3	3
MALE	90	--	56	2	4	3	--	4	2	1	4	--	--	1	5	2	--	--	1	3	2
FEMALE	20	--	13	2	1	--	--	1	1	--	--	--	--	--	--	1	--	--	1	3	1
35-44	63	--	37	1	7	2	--	3	--	1	--	3	--	--	3	1	--	2	2	1	--
MALE	48	--	26	1	7	1	--	2	--	1	--	2	--	--	3	1	--	2	2	--	--
FEMALE	15	--	11	--	--	1	--	1	--	--	--	1	--	--	--	--	--	--	--	1	--
45-54	46	1	25	1	3	1	--	3	1	2	2	--	--	--	1	--	1	--	--	1	4
MALE	32	1	18	1	2	--	--	2	1	1	2	--	--	--	1	--	1	--	--	1	1
FEMALE	14	--	7	--	1	1	--	1	--	1	--	--	--	--	--	--	--	--	--	--	3
55-64	49	2	20	--	2	2	--	9	3	--	3	--	--	--	2	--	--	--	1	1	4
MALE	35	2	13	--	1	1	--	6	3	--	3	--	--	--	2	--	--	--	1	1	2
FEMALE	14	--	7	--	1	1	--	3	--	--	--	--	--	--	--	--	--	--	--	--	2
65-OVER	122	--	30	--	--	3	--	49	4	4	2	7	1	--	--	--	1	--	--	1	20
MALE	58	--	18	--	--	1	--	21	1	1	1	3	1	--	--	--	--	--	--	1	10
FEMALE	64	--	12	--	--	2	--	28	3	3	1	4	--	--	--	--	1	--	--	--	10
75-OVER	1	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--
MALE	1	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--
FEMALE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TECHNICAL APPENDIX

Vital Statistics Registration in Utah

Centralized vital statistics registration for the State of Utah was first established by act of the Utah Legislature in 1905. The latest revision of the law is found in the 1953 Session Laws, Sections 26-15-9 to 26-15-10 as follows:

The State Division of Health shall have and exercise the following power and duties in addition to all other powers and duties imposed on it by laws:

- a. Provide suitable offices properly equipped for the preservation of all records made or received under the provision of this act;
- b. Install a state-wide system of vital statistics;
- c. Prescribe forms for the collection, compilation, publication, and preservation of vital statistics;
- d. Enforce this act and its regulations made pursuant thereto;
- e. Appoint a Director of Vital Statistics;
- f. Divide the State from time to time into registration districts which will conform to political subdivisions or a combination thereof, or parts thereof;
- g. Appoint local registration officers for such registration districts as are established by the division. Such local registration officers, under the direction and supervision of the division, shall perform all duties required of them by this act and the regulation of the board.

Under Utah statutes, full-time health officers of local health departments become ex officio local registrars and are responsible for the registration of certificates for all births and deaths that occur within their respective jurisdictions. Four of the 29 counties (Salt Lake, Utah, Weber, and Davis), and four multi-county districts--Southeastern (Carbon, Emery, Grand, and San Juan Counties), Bear River (Box Elder, Cache, and Rich Counties), Southwestern (Beaver, Garfield, Iron, Kane, and Washington Counties), and Central (Juab, Millard, Piute, Sanpete, Sevier, and Wayne Counties) maintain full-time local registrars. The local registrars within the remaining seven counties are appointed by the State and usually perform their duties on a part-time basis, and in many cases simultaneously assume

other positions within their community. The map of the State of Utah (Figure C-1) indicates the location of the local registrars within each of the 29 counties. Presently, there are 16 local registrars and 13 deputy local registrars in the State.

Source of Data

Vital statistics certificates filed with the State Bureau of Health Statistics are the primary source of data presented within this report. These records include certificate of live birth, death, and fetal death. Source data for population estimates are provided by the United States Bureau of the Census.

Certificate Revision

The Utah certificates of live birth, death, and fetal death have been revised periodically; the most recent revision occurring in 1982 for the birth, 1981 for death, and 1978 for fetal death. These certificates were adopted by the State Board of Health and distributed to the local registrars for use in registering all such events occurring in 1980 (Figure C-2, C-3, and C-4). The new certificates include all of the items on the recommended national "Standard Certificates," with some modifications and additions to meet particular needs in Utah.

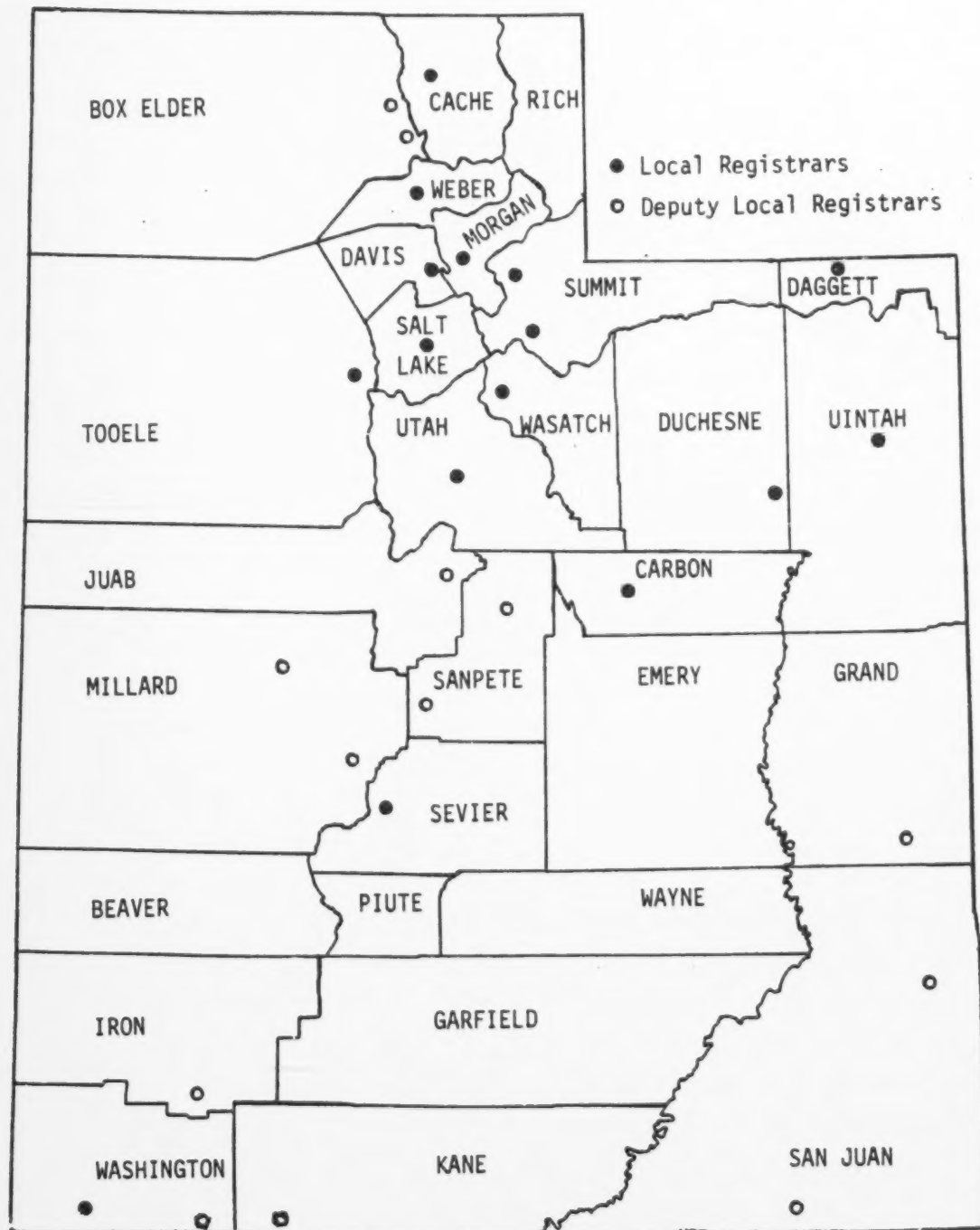
Quality and Limitation of Data

Limitations of the data must be recognized before valid interpretation is possible. For vital statistics data, these limitations are related to the difficulties in reporting and classifying information, and to some under-registration of events. It is necessary to exercise particular caution when evaluating vital statistics trend data, since medical concepts, code definitions, and method of assigning causes of death have changed over the years.

The completeness of registration for births was last tested at the state level in conjunction with the 1950 U.S. Census of the population and was found to be 98.7 percent complete at that time. At the present time, more than 99 percent of all Utah births occur in hospitals. This fact, coupled with information from sample studies, indicates that the completeness of birth certificate registration now exceeds 99 percent. It is recognized that there is some under-registration of infants who die shortly after birth.

FIGURE C-1

LOCATION OF LOCAL REGISTRARS OF VITAL STATISTICS
UTAH, 1982



This form is classified as
PRIVATE under the Utah
Information Practices Act

CERTIFICATE OF LIVE BIRTH

STATE OF UTAH — DEPARTMENT OF HEALTH

	LOCAL FILE NUMBER	STATE OF UTAH — DEPARTMENT OF HEALTH	STATE BIRTH NUMBER
CHILD	CHILD—NAME FIRST MIDDLE LAST	SEX	DATE OF BIRTH (Month, Day, Year)
	1. PLACE OF BIRTH—HOSPITAL NAME (If not in hospital, give street and number)	2. CITY, TOWN OR LOCATION OF BIRTH	3. HOUR (24 hr. clock)
CERTIFIER	I CERTIFY THAT THE ABOVE NAMED CHILD WAS BORN ALIVE AT THE PLACE AND TIME AND ON THE DATE STATED ABOVE.		I CERTIFY THAT THE ABOVE NAMED CHILD WAS BORN ALIVE AT THE PLACE AND TIME AND ON THE DATE STATED ABOVE.
	5a. Signature CERTIFIER'S NAME AND TITLE (Type and check box) Hospital Administrator ☐ Designated Representative ☐	DATE SIGNED (Month, Day, Year)	5b. Attendant Signature Attendant—NAME, TITLE (MD, DO, Certified Midwife, other) (Type or print)
REGISTRAR	6a. REGISTRAR—(Signature)	DATE RECEIVED BY REGISTRAR (Mo., Day, Year)	MAILING ADDRESS OF ATTENDANT (Street or R.F.D. No., City or Town, State, Zip)
	7a. ☐	7b. ☐	7c. ☐
MOTHER	MOTHER—NAME FIRST MIDDLE MAIDEN NAME	DATE OF BIRTH (Mo., Day, Year)	AGE
	8. RESIDENCE—STREET AND NUMBER OF RESIDENCE	CITY, TOWN OR LOCATION	INSIDE CITY LIMITS
	11a. MOTHER'S MAILING ADDRESS—If same as above, enter Zip Code only	CITY OR TOWN	STATE
	12a. STREET ADDRESS OR P.O. BOX NUMBER	12b. ☐	12c. ☐
FATHER	FATHER—NAME FIRST MIDDLE LAST	DATE OF BIRTH (Mo., Day, Year)	AGE
	13. I certify that the personal information provided on this certificate is correct to the best of my knowledge and belief	(Signature of Parent or Other informant)	RELATION TO CHILD
INFORMANT	16a. Other informant	16b. ☐	16c. ☐

PRIVATE INFORMATION FOR MEDICAL AND HEALTH USE ONLY

	SPANISH ORIGIN?		MOTHER		FATHER		PREGNANCY HISTORY (Complete each section)					
	Mother: Yes ☐ No ☐	Father: Yes ☐ No ☐	USUAL OCCUPATION (Kind of work usually done even if not currently employed)	KIND OF BUSINESS OR INDUSTRY	EDUCATION (Specify only highest grade completed) Elementary or secondary (0 through 12) College (13 through 16 or 17 +)	DATE OF last Live Birth (Month, Year)	DATE of last Other Termination (as indicated in d or e above) (Month, Year)	DATE of last Live Birth (Month, Year)	DATE of last Other Termination (as indicated in d or e above) (Month, Year)	DATE of last Live Birth (Month, Year)	DATE of last Other Termination (as indicated in d or e above) (Month, Year)	
TO BE COMPLETED BY PARENTS	If yes, indicate: ☐ Mexican ☐ Cuban ☐ Puerto Rican ☐ Of Spanish origin not listed.		If yes, indicate: ☐ Mexican ☐ Cuban ☐ Puerto Rican ☐ Of Spanish origin not listed.		17a. RACE Specify White Black American Indian Etc	17b. RACE Specify White Black American Indian Etc	18a. Now living	18b. Now dead	19a. Before 20 weeks	19b. After 20 weeks	19c. None	19d. None
	20a. DATE Last normal menses began (Month, Day, Year)		20b. DATE Last normal menses began (Month, Day, Year)		21a. YES ☐ NO ☐	21b. YES ☐ NO ☐	22a. YES ☐ NO ☐	22b. YES ☐ NO ☐	23a. YES ☐ NO ☐	23b. YES ☐ NO ☐	23c. YES ☐ NO ☐	23d. YES ☐ NO ☐
	24a. APGAR SCORE 1 min 5 min		24b. APGAR SCORE 1 min 5 min		25a. BIRTH WEIGHT (Grams)	25b. BIRTH WEIGHT (Grams)	26a. BIRTH INJURIES OF CHILD (Describe or write "none")	26b. BIRTH INJURIES OF CHILD (Describe or write "none")	27a. BIRTH INJURIES OF CHILD (Describe or write "none")	27b. BIRTH INJURIES OF CHILD (Describe or write "none")	27c. BIRTH INJURIES OF CHILD (Describe or write "none")	27d. BIRTH INJURIES OF CHILD (Describe or write "none")
	28a. BIRTH INJURIES OF CHILD (Describe or write "none")		28b. BIRTH INJURIES OF CHILD (Describe or write "none")		29a. BIRTH INJURIES OF CHILD (Describe or write "none")	29b. BIRTH INJURIES OF CHILD (Describe or write "none")	29c. BIRTH INJURIES OF CHILD (Describe or write "none")	29d. BIRTH INJURIES OF CHILD (Describe or write "none")	29e. BIRTH INJURIES OF CHILD (Describe or write "none")	29f. BIRTH INJURIES OF CHILD (Describe or write "none")	29g. BIRTH INJURIES OF CHILD (Describe or write "none")	29h. BIRTH INJURIES OF CHILD (Describe or write "none")
THIS MEDICAL INFORMATION IS EXPECTED TO AGREE WITH THE MEDICAL RECORDS OF THE HOSPITAL	29a. BIRTH INJURIES OF CHILD (Describe or write "none")		29b. BIRTH INJURIES OF CHILD (Describe or write "none")		29c. BIRTH INJURIES OF CHILD (Describe or write "none")	29d. BIRTH INJURIES OF CHILD (Describe or write "none")	29e. BIRTH INJURIES OF CHILD (Describe or write "none")	29f. BIRTH INJURIES OF CHILD (Describe or write "none")	29g. BIRTH INJURIES OF CHILD (Describe or write "none")	29h. BIRTH INJURIES OF CHILD (Describe or write "none")	29i. BIRTH INJURIES OF CHILD (Describe or write "none")	
	29j. BIRTH INJURIES OF CHILD (Describe or write "none")		29k. BIRTH INJURIES OF CHILD (Describe or write "none")		29l. BIRTH INJURIES OF CHILD (Describe or write "none")	29m. BIRTH INJURIES OF CHILD (Describe or write "none")	29n. BIRTH INJURIES OF CHILD (Describe or write "none")	29o. BIRTH INJURIES OF CHILD (Describe or write "none")	29p. BIRTH INJURIES OF CHILD (Describe or write "none")	29q. BIRTH INJURIES OF CHILD (Describe or write "none")	29r. BIRTH INJURIES OF CHILD (Describe or write "none")	

FIGURE C-2

This form is classified as
PRIVATE under the Utah
Information Practices Act

CERTIFICATE OF DEATH STATE OF UTAH - DEPARTMENT OF HEALTH

LOCAL FILE NUMBER		STATE FILE NUMBER	
DECEDENT PERSONAL DATA	1. NAME OF DECEDENT FIRST MIDDLE LAST		2. SEX
	3. RACE (White, Black, Am. Indian, etc.) Specify		4. DATE OF DEATH (Month, Day, Year)
	5. WAS DECEDENT OF SPANISH ORIGIN? YES ☐ NO ☐ If yes, indicate type: Mexican ☐ Puerto Rican ☐ Cuban ☐ Other ☐ (If other, specify)		6. DATE OF BIRTH (Month, Day, Year)
	7. AGE (Last Birthday) Yrs. Months Days		8. IF UNDER 1 year
	9. BIRTHPLACE (State or foreign country)		10. CITIZEN of what country
	11. EDUCATION—(Specify only highest grade completed) Elementary or Secondary (8-12) College (13-16 or 17+)		12. SOCIAL SECURITY NUMBER
	13a. USUAL OCCUPATION (Give kind of work done during most of working life, even if retired.)		13b. KIND OF BUSINESS OR INDUSTRY
	14. NAME OF surviving spouse (If, wife, enter maiden name.)		15. NAME OF FATHER
	16. MAIDEN NAME OF MOTHER		17. Was decedent ever in U.S. Armed Forces? YES ☐ NO ☐
	USUAL RESIDENCE	18a. USUAL RESIDENCE—(Street address or location)	
18c. CITY OR TOWN		18d. COUNTY	
18e. STATE AND ZIP CODE		19. NAME, RELATIONSHIP AND MAILING ADDRESS OF INFORMANT	
PLACE OF DEATH	20a. NAME of hospital, nursing home or other institution where death occurred. (If outside an institution, give street address or location.)		20b. CITY OR TOWN
	20c. COUNTY		20d. STATE AND ZIP CODE
MEDICAL EXAMINER OR PHYSICIAN'S CERTIFI- CATION	21a. MEDICAL EXAMINER: I hereby certify that to the best of my knowledge the death occurred at the hour, date and place stated above from the causes stated below based on examination of the body and/or investigation of the circumstances.		21b. PHYSICIAN OR MEDICAL EXAMINER SIGNATURE
	21c. TIME of death (24 hr. clock)		21d. DATE
	21e. PHYSICIAN: I hereby certify that to the best of my knowledge the death occurred at the hour, date and place stated above from the causes stated below, that I attended the decedent, and I last saw the decedent alive on: 21d. month day year		21f. CERTIFIER'S name and title (Type or print)
	21g. If not certified by medical examiner, was death reported to him? YES ☐ NO ☐ If yes, enter the date and hour reported: (24 hour clock)		21h. DATE SIGNED (Month, Day, Year)
	21i. CERTIFIER'S address and zip code		21j. UTAH PHYSICIAN LICENSE NUMBER
	21k. 22. HOUR: MO. DAY YEAR		21l. 23. SIGNATURE of Funeral Director
FUNERAL DIRECTOR AND LOCAL REGISTRAR	24. NAME AND LOCATION OF CEMETERY OR CREMATORY		25. LOCAL REGISTRAR—Signature
	26. DATE accepted for registration by local registrar		27. 28. FUNERAL HOME—Name, address and license number
MEDICAL AND HEALTH DATA	29. PART I. DEATH WAS CAUSED BY: IMMEDIATE CAUSE: (A) (Enter only one cause per line for A, B and C)		30. Interval between onset and death
	31. CONDITIONS IF ANY WHICH GAVE RISE TO THE IMMEDIATE CAUSE (B) DUE TO, OR AS A CONSEQUENCE OF		32. Interval between onset and death
	33. (A) STATING THE UNDERLYING CAUSE LAST. DUE TO, OR AS A CONSEQUENCE OF (C)		34. Interval between onset and death
	35. PART II. OTHER SIGNIFICANT CONDITIONS—CONTRIBUTING TO DEATH, BUT NOT RELATED TO THE IMMEDIATE CAUSE GIVEN IN PART I.		36. AUTOPSY YES ☐ NO ☐ IF YES, were findings considered in determining cause of death?
	37. 38. Accident ☐ Pending Investigation ☐ DATE of Injury (Month, Day, Year)		39. 40. TIME OF INJURY (24 Hour Clock)
	41. 42. Suicide ☐ Undetermined if Injured ☐ Accidentally or Purposely ☐ 43. INJURY AT WORK? YES ☐ NO ☐		44. 45. PLACE OF INJURY (Specify home, farm, factory, freeway, street, office buildings, etc.)
	46. 47. Homicide ☐ 48. LOCATION OF INJURY—STREET AND NUMBER OR LOCATION AND CITY OR TOWN.		49. 50. Distance from place of injury to usual residence (Item 48)
	51. 52. 53. Were laboratory tests done for drugs or toxic chemicals? YES ☐ NO ☐ Were laboratory tests done for alcohol? YES ☐ NO ☐		54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.
	69. DESCRIBE HOW INJURY OCCURRED (enter sequence of events which resulted in injury, NATURE OF INJURY SHOULD BE ENTERED IN ITEM 29)		70. If motor vehicle accident, specify if decedent was driver, passenger or pedestrian.
	INJURY INFORMATION	71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.	

FIGURE C-3

FETAL DEATH CERTIFICATE

STATE OF UTAH—DIVISION OF HEALTH

This form is classified as
PRIVATE under the Utah
Information Practices Act.

LOCAL FILE NUMBER		TYPE OR PRINT - USE BLACK INK		STATE FILE NUMBER	
NAME - at Hospital where delivery occurred (if not in hospital, give street and number)		CITY, TOWN OR LOCATION OF DELIVERY		COUNTY OF DELIVERY	
DELIVERY AND FETUS INFORMATION	1a. SEX OF FETUS	1b. WEIGHT OF FETUS	1c. This Delivery - Single, twin, triplet, etc. (Specify)	1d. If not single - Delivered first, second, third, etc. (Specify)	1e. DATE OF DELIVERY (Mo., Day, Yr.)
	2. HOUR OF DELIVERY 24 hr clock				
PARENT'S INFORMATION	MOTHER - Maiden Name First Middle Last		DATE OF BIRTH (Mo., Day, Yr.)		AGE
	CITY, TOWN OR LOCATION		STREET ADDRESS & ZIP CODE		INSIDE CITY LIMITS? Yes ☐ No ☐
	RACE - In U.S. White, Black, Am. Indian, etc. (Specify)		EDUCATION (Specify only highest grade completed)		PREGNANCY HISTORY (Complete each section)
	MOTHER		FATHER		LIVE BIRTHS (Do not include this delivery)
	SPANISH ORIGIN?		Usual Occupation - (Kind of work usually done even if not currently employed)		OTHER TERMINATIONS (Spontaneous and Induced)
	Mother: Yes ☐ No ☐ If yes, indicate		Mother: Yes ☐ No ☐ If yes, indicate		Before 20 wks. After 20 wks.
	Mexican		Mexican		Sp. ☐ None
	Cuban		Cuban		Sp. ☐ None
	Puerto Rican		Puerto Rican		Sp. ☐ None
	Other, Specify		Other, Specify		Sp. ☐ None
FATHER - Name First Middle Last		DATE OF BIRTH (Mo., Day, Yr.)		AGE	
CAUSE OF FETAL DEATH	19. Fetal or maternal condition directly causing fetal death.				Specify Fetal or Maternal
	IMMEDIATE CAUSE (Enter only one cause per line for a, b, and c)				
	DUE TO, or AS A CONSEQUENCE OF:				Specify Fetal or Maternal
	DUE TO, or AS A CONSEQUENCE OF:				Specify Fetal or Maternal
	OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER: Conditions contributing to fetal death but not related to cause given in 1a)				
	FETUS DYED - Before labor, during labor or delivery, Unknown (Specify)				PHYSICIAN'S ESTIMATE OF GESTATION
	WEEKS				
	COMPLICATIONS OF PREGNANCY (Describe or write "none")				METHOD OF DELIVERY (Check all applicable boxes)
23. CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or write "none")				CONGENITAL MALFORMATIONS OR ANOMALIES OF FETUS (Describe or write "none")	
24. I certify that the fetus identified above was delivered at the place and time and on the date stated above and did not show evidence of life, and to the best of my knowledge died from the causes stated.				25. Arrestant - NAME, TITLE (MD, DO, Certified Midwife, Other) AND LICENSE NO. (Type or Print)	
27. Attendant Signature				28.	
DISPOSITION OF FETUS	BURIAL, CREMATION, OR REMOVAL (Specify)		CEMETERY OR CREMATORY - Name		LOCATION (City, town, state)
	DATE (Mo., Day, Year)		FUNERAL HOME - Name, address & phone no.		Street or R.F.D. No., City or Town, State, Zip Code
	FUNERAL DIRECTOR - Name		REGISTRAR - Signature		DATE received by local registrar (Mo., Day, Yr.)

The registration of fetal deaths of more than 20 weeks gestation is required by statute. Many fetal deaths are disposed of without a funeral and a fetal death certificate is not prepared at the time of disposition. Therefore, it is widely recognized that there is incomplete registration of fetal deaths. Because of the under-registration of fetal deaths, the Utah data probably understate the size of this problem and the statistics about associated factors and causes of fetal deaths may be unreliable.

Limitation of Small Numbers

All statistics are subject to chance variation. Such random variation in a large number of events has little effect on the data for the group, however, random variation in a small number of events may result in a startling change in the data for the group. For example, minor differences in the number of births or deaths in small populations or in the number of deaths from uncommon causes may result in large changes in these rates. Rates for areas of small population or for events with few occurrences should be interpreted with this limitation in mind.

Cause of Death

Cause-of death statistics are derived from the medical certification information required by law to be reported on the death or fetal death certificate by the attending physician or medical examiner. The medical certification item on certificate of death and fetal death has provision for reporting three causes of death--immediate, intervening, and underlying, plus additional information related to the cause of death. The cause of death selected for coding and tabulating mortality statistics is the "underlying cause of death," which is generally defined as the diseases or injury which initiate the sequence of morbid events leading directly to death.

Occasionally, death certificates are registered with the cause-of death information incomplete, inconsistent, or equivocal, and additional information from the certifier is not available. In such causes, selection and modification rules are used to select the underlying cause of death for statistical purposes. Selection and modification rules which adapt the coding procedures to reporting practices in the United States are published by the Public Health Service, National Center for Health Statistics, in annual editions of the Vital Statistics Instructional Manual. From January 1, 1968 through December 31, 1978, the Eighth Revision International Classification of Diseases was used in classifying the underlying case of death on Utah death

certificates. Starting January 1, 1979, the Ninth Revision of the International Classification of Diseases has been used to code the underlying cause of death in Utah. Comparability ratios between revision have been computed by the National Center for Health Statistics¹ and have been published in the Utah Vital Statistics Annual Report 1980. Comparability ratios for some cause-of-death codes are extremely high and utmost caution should be taken in interpreting any cause-of-death trends that span the Eighth and Ninth Revisions of the International Classification of Disease.

Geographic Bases

Birth and death data are presented by place of occurrence of the event or by place of unusual residence of the individual. For deaths, "place of residence" is defined as the usual residence of the decedent. For births, "place of residence" for the child is defined as the usual residence of the mother.

Reallocation of birth and death certificates to the state of residence has been virtually complete on a nationwide basis since 1955. This is made possible by a cooperative program among the state for exchange of copies of certificates of non-resident events for statistical purposes only.

It is considered to be meaningful for some purposes to tabulate accidental deaths by place of occurrence rather than by place of residence. Statistical tabulations of accidental deaths "by place of occurrence" refer to the place where the death occurred, and not the place where the accident occurred. A hypothetical example may help to clarify the above explanation. Assume that a resident of Denver, Colorado is involved in a motor vehicle accident in Wendover, Nevada and requires emergency aid of a special nature. The closest available facility is that the University Medical Center in Salt Lake City, Utah. After arriving at the hospital, the patient succumbs to conditions arising from the accident. In such cases the "place of occurrence" of the death for statistical purposes would be Salt Lake City, Utah, not Wendover, Nevada.

¹"Estimates of Selected Comparability Ratios Based on Dual Going of 1976 Death Certificates by the Eighth and Ninth Revisions of the International Classification of Diseases," Monthly Vital Statistics Report, National Center for Health Statistics, DHEW Publication NL (PHS) 80-1120, vol. 28, No. 11, Supplement, February 29, 1980, Hyattsville, Md., pp 12-13.

Archive No. P 840140